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E. D. Waring

ROYAL PALM NURSERIES

ONECO • FLORIDA • U.S.A.

1915

E. D. Waring

"FOSTER"

THE NEWEST AND
MOST VALUABLE
GRAPEFRUIT



SERVICE

Times have changed.

It used to be that the complete satisfaction of the customer was supposed to exist when good plants left the nursery in satisfactory order.

But with rapid development of the State along practically new lines in the horticultural field there has grown up a corresponding demand for accurate and reliable information and advice based on actual experience, research and experimental work, to the end that the maximum of success in planting may be obtained at a minimum of expenditure of money and labor.

In the development of such a business as we now conduct, representing over thirty years of painstaking labor and research, there has been a vast store of knowledge "laid by". It is our intention to place this reserve fund at the disposal of our customers and that they may receive prompt and careful attention we have instituted our "Service Department". By means of this agency the buyer can feel that he will receive absolutely impartial and as nearly accurate information on planting as it is possible for us to give, at any and all times, whether on fruit growing, economic crops, gardening, ornamental home planting and landscaping, or any similar phase of horticulture touching our experience.

It is our earnest wish that our customers make free use of this new Department, more especially those to whom our State's horticulture is somewhat of a problem because of unfamiliarity.

With this new "Plant Directory" we extend our best wishes for a very successful planting season.

REASONER BROTHERS,

Royal Palm Nurseries

Autumn, 1914

Oneco, Florida

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A FULL INDEX IS AT THE BACK OF THIS BOOK

ROYAL-PALM NURSERIES

New, Rare & Beautiful
Plants, Trees, Shrubs

Palms, Ferns,
Bamboos, Vines, etc.

REASONER BROS.



ONECO, FLORIDA
U.S.A.

IMPORTANT



WITH reduced Parcel Post rates on plants and the "zone" system adopted by the Post Office Department, together with the sweeping reductions in express rates, it has become necessary for us to revise our system for applying catalog prices.

Therefore please note RULE 1 on PAGE 4 of catalog, which reads as follows:

In order to conform to the radical changes involved in the revision of mail and express rates, which make it possible to ship plants at very much reduced cost to the purchaser, we have found it advisable to adopt a system for applying prices as outlined hereafter. This method is exact as well as simple and there is no uncertainty in regard to cost of packing. We find that packing costs are approximately even and that charging up packing expense in addition to cost of plants, as commonly practiced, is confusing and uncertain to the customer.

(NOTE:—The expression, "Local Zone," throughout the following refers to that territory comprising the following states: Florida, Georgia, Alabama, Mississippi, Louisiana, Texas, Oklahoma, Arkansas, Tennessee, North Carolina, South Carolina, Kentucky, Virginia and Cuba.)

(a)—When *within* the Local Zone, as above, all plants will be shipt, either by mail or express, at our option, transportation charges prepaid, at catalog prices net. If, however, the customer wishes to pay express or freight charges, when order is to be so shipt, deduct 20 per cent (one-fifth) from catalog prices.

(b)—When plants are to be shipt *outside* the Local Zone, as above, and the charges are to be prepaid, *add 10 per cent (one-tenth) to catalog prices.* Otherwise we will have to ship "charges collect." When plants are to be shipt by mail outside the "Local Zone" this ten per cent *must be added.* Otherwise we will use our judgment, either shipping express *collect* or hold order for postage.

And in connection with this matter of transportation we wish to emphasize most particularly the fact that we are shipping, now as always, to all parts of the world: Europe, Asia, Africa, Australia, etc., in perfect safety. For results we refer you to the numerous testimonials throughout the book.

As a matter for your especial convenience, we wish to refer you to the several Business Rules on page 4. They are as brief as consistent *and are to the point!*



Royal Palm Nurseries, Oneco, Florida.

THIRTY FIRST ANNUAL CATALOG OF THE ROYAL PALM NURSERIES

REASONER BROTHERS

Oneco, Florida, U. S. A.

Telegraph Address
Bradentown

1915

Thomasville, Ga., June, 1914.—"A short time ago I ordered a few plants from you and must say that you sent me the cleanest, nicest lot of plants that I have ever bought from any one, and packed so carefully, and in such a light package, that I was astonished at the small amount of express. So in response to this treatment I am sending you another order on separate sheet enclosed. Thanking you for the extra plants you included in my last order, I am,

Yours truly,
J. F. PITTMAN.

* * *

Canton, N. C., April, 1914.—"I have just received the beautiful plants, and must say I am perfectly delighted with them. I have never seen plants so well packed. I have spent a lot more money for plants from Northern greenhouses this spring and got nothing half so nice as yours."

MRS. AMANDA HENSON.

* * *

Los Angeles, Calif., Jan., 1914.—"The plants you sent came in fine shape; they looked as if they had just been lifted. I called in several of my neighbors and showed them the plants and in what fine shape they came, one enthusiastic gardener who said that he never saw plants come in such good shape; he also complimented your catalog and said it was gotten up the neatest and most complete of any ever sent to him. I am going to send an order for some other plants." etc.

MRS. LOUIS FLECKENSTEIN.

* * *

Key West, Fla., May, 1914.—"The flowering shrubs, fruit trees, etc. were beautifully packed and arrived in a splendidly fresh fine condition. We are delighted with them, and thank you so much for your generosity in the extras. We shall order roses from you in the Fall."

MRS. E. S. MILLER.
U. S. Marine Hospital.

* * *

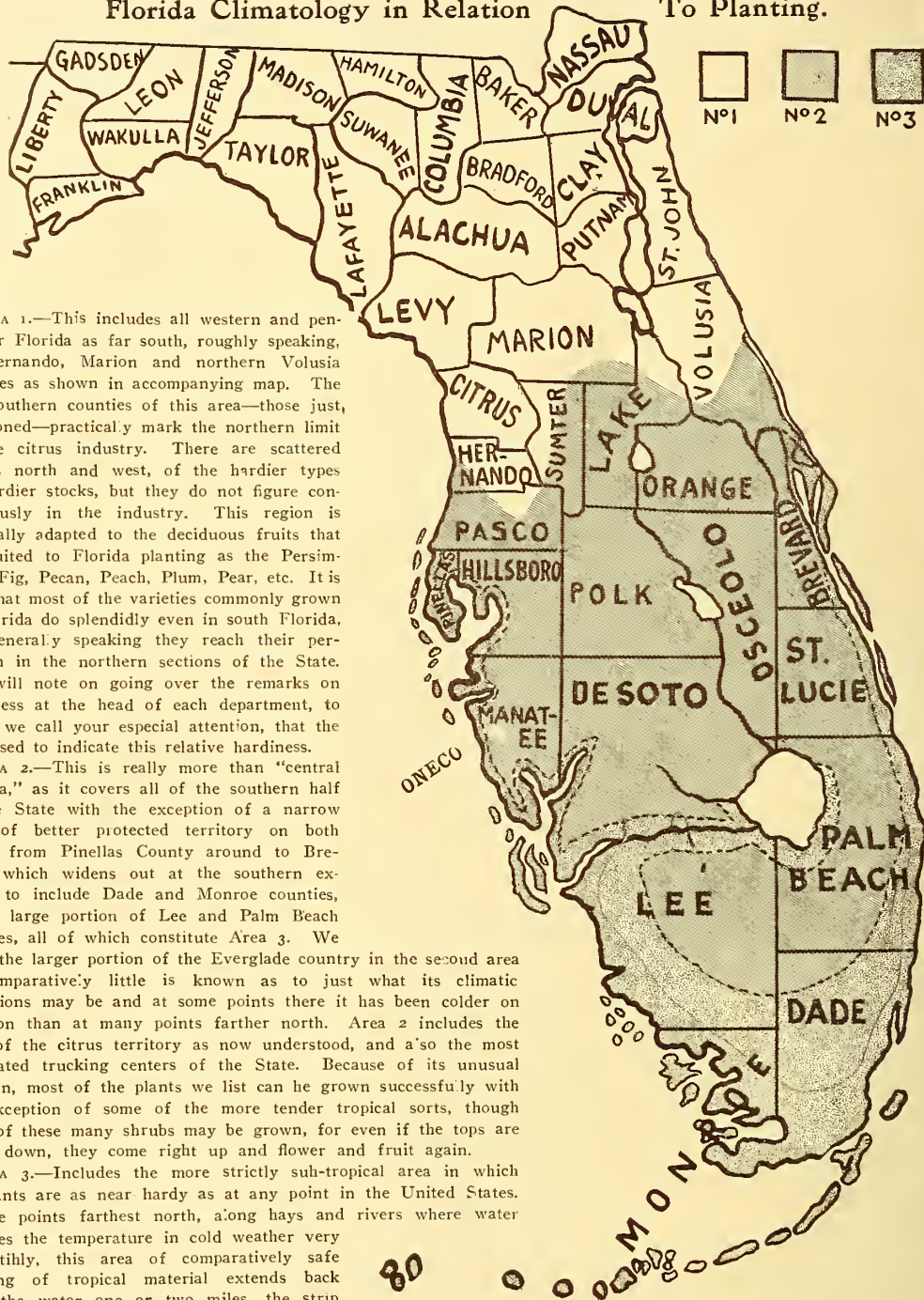
Broad St. Station, Philadelphia, April, 1914.—"The plants arrived in good shape and I am much pleased with your selection."

JOS. RICHARDSON.



Royal Palm Nurseries, Oneco, Florida.

Florida Climatology in Relation To Planting.



AREA 1.—This includes all western and peninsular Florida as far south, roughly speaking, as Hernando, Marion and northern Volusia counties as shown in accompanying map. The few southern counties of this area—those just mentioned—practically mark the northern limit of the citrus industry. There are scattered groves north and west, of the hardier types on hardier stocks, but they do not figure conspicuously in the industry. This region is especially adapted to the deciduous fruits that are suited to Florida planting as the Persimmon, Fig, Pecan, Peach, Plum, Pear, etc. It is true that most of the varieties commonly grown in Florida do splendidly even in south Florida, but generally speaking they reach their perfection in the northern sections of the State. You will note on going over the remarks on hardiness at the head of each department, to which we call your especial attention, that the * is used to indicate this relative hardiness.

AREA 2.—This is really more than "central Florida," as it covers all of the southern half of the State with the exception of a narrow strip of better protected territory on both coasts from Pinellas County around to Brevard, which widens out at the southern extreme to include Dade and Monroe counties, and a large portion of Lee and Palm Beach counties, all of which constitute Area 3. We leave the larger portion of the Everglade country in the second area as comparatively little is known as to just what its climatic conditions may be and at some points there it has been colder on occasion than at many points farther north. Area 2 includes the bulk of the citrus territory as now understood, and also the most celebrated trucking centers of the State. Because of its unusual location, most of the plants we list can be grown successfully with the exception of some of the more tender tropical sorts, though even of these many shrubs may be grown, for even if the tops are killed down, they come right up and flower and fruit again.

AREA 3.—Includes the more strictly sub-tropical area in which all plants are as near hardy as at any point in the United States. At the points farthest north, along bays and rivers where water modifies the temperature in cold weather very perceptibly, this area of comparatively safe planting of tropical material extends back from the water one or two miles, the strip widening as it extends southward.

Royal Palm Nurseries, Oneco, Florida.

Planting and Potting Suggestions.

PREPARATION FOR PLANTING.—Newly cleared land, especially in Florida, is "sour" (acid) to a greater or less degree. This may be corrected, if not too much so, by cultivation, opening up the soil and allowing it to become thoroughly aerated before planting. Otherwise lime should be applied, in quantity depending upon the degree of acidity. No specific amounts can be prescribed because of wide range of variation in soils. In cases where the planter is in doubt, the matter should be taken up with the State chemist.

In making holes in which to set the individual plants, remember that the larger the better, three feet in all dimensions being small enough though of course smaller holes will do if the plants are properly set out and otherwise cared for. When planting, fill the hole with *top-soil* in which is incorporated from several shovelfuls to a wheelbarrow load of well rotted manure, past the burning stage, depending upon plant, soil, conditions, etc. The use of manure applies especially to ornamentals—in planting citrus trees it is open to objection. Also in planting extensive areas good manure cannot be obtained in sufficient quantity. However, Florida soils are naturally deficient in humus (decomposed organic matter) and for that reason manure, or some other form of humus, is preferable where it can be obtained. In addition to humus as fertilizer, blood-and-bone, tankage and other fertilizers are valuable organic forms that are readily available.

ARRIVAL OF PLANTS.—Plants should be removed from the package or box as soon as possible after reaching destination. Frequently, however, it is impossible to plant them out at once, in which case see that roots are wet, then stand the rolls of plants around in cool shady places, seeing that they do not suffer for want of water. They can remain this way several days without injury. Large trees and shrubs from open ground may be simply "heeled-in" (planted in trenches) on the shady side of a building, the roots well watered, and if not set permanently for a week afterward they will be all the better for it. Should any of the plants appear wilted, they should be placed in lukewarm water, with the packing moss still about their roots, and in half an hour they will be ready to pot. This treatment will renew their vigor whether actually wilted or not.

SETTING.—Assuming that the soil has been put in proper condition, the plants and trees can be set in their proper places at once. If the plants are from pots, set them considerably deeper than they were in the pot, the distance depending on size of plant, etc. Set without disturbing the roots, *never try to straighten out the roots of pot-grown plants!* Field plants, when dug, lose the larger portion of their feeding roots and have to be cut back proportionately and in some cases planted a couple of inches deeper than they stood in the nursery rows. (Exception is here taken especially to citrus stock as well as others.) The roots should be trimmed with a sharp knife, and when planted allowed plenty of room to assume a natural position. Pack the soil well in and around the roots with hands and feet,—it is very important that the soil be firmly packed around the roots. Use plenty of water. Always mulch the ground around with grass, straw, or similar materials. Some more tender plants require shade for some time and all plants are better for shade for the first few days. **BUT THIS ABOVE ALL: See that they never lack for water until established!**

POTTING.—While plants are small, use pots one size larger than they were removed from. As they fill up the pots with roots they should be potted on into sizes next larger. When small it is necessary only to place a piece of broken pot over the hole in the bottom, but when the pots run up to five and six inch sizes and larger, they should have several pieces of pots, pebbles, or pieces of charcoal or other coarse drainage material. To prevent soil from entirely filling this up, place a piece of well rotted sod over the drainage material. Lack of proper drainage prevents free movement of water through the soil, the latter becomes sour, the roots die back and the plant suffers. Fill pot to about half an inch or more of top with ball of roots and potting soil, the latter composed of good loam, sand, clay if obtainable, and well rotted manure, past the "burning" stage, with a small amount of chemical fertilizer, such as comes prepared for the purpose. Place the plants in a sheltered position where they will not be exposed to wind and sun until they show signs of recuperation.

WATERING.—This is one of the most important points in the successful cultivation of all plants. During the growing season they should have enough water to keep the soil moist to the bottom of the pot but never in a soggy state. Excessive watering is worse than not quite enough; judgment must be exercised in this matter, but never just wet the soil on top. It is a good idea to place the pots in a tub of water until all air is driven out of the soil, then allow the excess water to drain off completely before replacing in jardiniere. Do this once every ten days or so in addition to the regular watering. But NEVER water plants while they are standing in jardiniere, —this allows water to accumulate as the surplus drains out of the pot, keeping the soil soggy and sour and has the same result, only to greater degree, as poor drainage.

FROST PROTECTION.—All parts of Florida are subject to frost to a greater or less degree,—there is no such thing as "frost-free." In freezing weather, however, there are a number of ways in which tender plants may be more or less effectively protected, by means of raising the temperature a few degrees, as with smudge-fires, "blanketing," etc. The old "light-wood," pitch and other methods of creating a blanket of smoke and warm air are giving way to the cleaner, more convenient method of oil-pots. Sheds are used, sometimes merely overhead slats, as in the case of Pineapples, and at other times solid wall enclosures. Considerable expense is attached to all these methods and they are only advisable when plants are extremely susceptible to injury from cold. As a matter of fact in frosts and light freezes it is not so much the reduced temperature that does the injury as it is the effect of the early morning sun's rays striking the plant after a freezing night's temperature. If the plants can warm up *gradually* they will not suffer. To effect this, various means are used, one of the commonest among truckers where water is available is to spray water over the plants for some time after sun rise. Tender trees on the west side of a building or other protection never suffer like those exposed to the early sun, though the west side is actually the coldest. The same effect may be secured with plants in the open by standing boughs of trees, cane or corn stalks, etc., in a tent-like formation all around the trees. Pine boughs are especially valuable for this as their needles remain on throughout the winter. While trees are very small, a light framework of stakes, etc., covered with cloth, paper or hurlap, will afford ample protection, and in cases of very severe cold nights a lamp can be placed underneath. Of course provide ventilation during the day. In the case of budded or grafted trees, banking above the union is advisable as in the event of the top being frozen down, enough of the finer variety is left to give a new top the following year.



One of Our Potting Sheds.

Royal Palm Nurseries, Oneco, Florida.



1.—In order to conform to the radical changes involved in the revision of mail and express rates, which make it possible to ship plants at very much reduced cost to the purchaser, we have found it advisable to adopt a system for applying prices as outlined hereafter. This method is exact as well as simple and there is no uncertainty in regard to cost of packing. We find that packing costs are approximately even and that charging up packing expense in addition to cost of plants, as commonly practiced, is confusing and uncertain to the customer.

(NOTE:—The expression "Local Zone" throughout the following refers to that territory comprising the following states,—FLORIDA, ALABAMA, MISSISSIPPI, LOUISIANA, TEXAS, OKLAHOMA, ARKANSAS, TENNESSEE, NORTH CAROLINA, SOUTH CAROLINA, KENTUCKY, VIRGINIA and CUBA.)

(a.) When *within* the Local Zone, as above, all plants will be shipped, either by mail or express, at our option, transportation charges prepaid, at catalog prices net. If, however, the customer wishes to pay express or freight charges, when order is to be so shipped, deduct 20 per cent (one fifth) from catalog prices.

(b.) When plants are to be shipped *outside* the Local Zone, as above, and the charges are to be prepaid, add 10 per cent (one tenth) to catalog prices. Otherwise we will have to ship "charges collect." When plants are to ship by mail outside the "Local Zone" this ten per cent *must be added*. Otherwise we will use our judgment, either shipping express collect or hold order for postage.



In one of our Plant Houses.

In applying prices, not less than six of a sort will be sold at the dozen rate, nor 40 at the 100 nor 400 at the one thousand. We cannot fill orders under 50¢. Such orders are a positive loss to us. Should you want a special plant amounting to less than that, add ten cents extra.

2.—TERMS—Cash with order. Remit in any safe way. Post Office Money Order on Oneco, bank draft, Express Order, or currency by registered mail. Foreigners may remit by International Post Office Order on Bradentown, Florida, or by bank Exchange. We *always* send receipt for money.

3.—CLUB ORDERS—To those getting up Club Orders, we make special terms. After completing the order as per rule 1, the club raiser may select *extra plants* to the value of ten per cent of the total catalog price. For instance if Mrs. A. gets up an order of which Mrs. B. orders \$2.00 worth at list prices, Mrs.

C. 3.00, Mrs. D. \$1.00, Mrs. E. \$5.00, Mrs. F. \$3.00, a total of \$14.00,—she is entitled to \$1.40 worth of plants at catalog prices. All orders are packed separately and shipped in one case.

4. FILLING ORDERS—All orders are filled promptly, the majority on the day of their receipt. We ship with absolute safety to all parts of the world, by mail, express and freight. We exercise our best judgment when forwarding stock, whether by express or freight,—in the former case using especially thin material,—working for the best interest of each customer as to safety of delivery and least cost.

5.—SUBSTITUTION—In ordering, please state whether substitution will be permitted as we feel at liberty, when no instructions accompany the order, to replace with other sorts as nearly similar as possible.

6.—OUR RESPONSIBILITY—While we exercise the greatest care to have our plants true to label, and hold ourselves prepared, on proper proof, to replace any that may prove otherwise, we do not give a warranty, expressed or implied, and in case of error on our part, it is mutually agreed between the purchaser and ourselves that we shall not at any time be held responsible for a greater amount than was paid for them.

After delivering the goods to the carrier we cannot hold ourselves responsible for any loss or injury to trees or plants which have been carefully packed and shipped; but we shall do everything in our power if any loss should occur, for protection and recovery of our customer's property.

7.—THIS PRESENT CATALOG abrogates all previous terms, conditions and prices. Dealers or others desiring to buy in *quantity* will be given special prices for large lots on application.

8.—NOMENCLATURE—This catalog has been carefully revised in regard to names of plants by the United States Department of Agriculture and brought down to date according to the best authority and usage.

Royal Palm Nurseries, Oneco, Florida.



Tropical Fruit Plants and Trees



SPECIAL NOTICE—All, except pineapples and bananas, are pot-grown, enabling one to transplant stock any time of year, and always in safety. All tropical stock does best when set in warm weather—summer.

Explanation of Starring.—* Suitable for conservatories or plant sheds. * * Suitable for warmest portion of Florida, tropical regions, or large conservatories. * * * Suitable for South Florida generally, with or without protection, according to locality.

In this department will be found only strictly tropical subjects, none of which can bear much frost, but many recuperate quickly from the roots should tops be frosted, throwing up strong shoots which bear again after reasonable time. In this class, of special value to Florida, are guavas, *Dovyalis hebecarpa*, Surinam cherry, pineapples, bananas, avocados, sugar-apple, rose-apple, and others, all of which should be grown above the frost "line," even for occasional crops.

Tropical trees in frosty parts of South or Central Florida can be protected during the first year or more by light frames covered with cloth, paper or burlap, and if necessary, using a lamp on very cold nights. Provide ventilation during the day. Budded or grafted trees should be banked with soil to preserve the variety well above the union.

Boughs of trees, cane or corn stalks, etc., may be stood about tropical trees during the winter in addition to banking, where not otherwise protected. Train trees low so that the branches will protect the trunk and larger limbs. When trees have attained considerable size they will stand more cold than when small, holding warmth in themselves. Specimen tropical trees will be found more fully protected when shaded in the morning hours, allowing frost to thaw gradually; large trees or buildings on the east of such specimens will provide considerable protection from the damaging effect of the sun's rays.

ACHRAS sapota. * * The **Sapodilla**. A tree of medium size with broad evergreen leaves and bearing russet colored fruits size of apples, which are sweet and fine. The fruit is in season most of the year in the Tropics. The juice of the bark furnishes the chicle used in making chewing gum. 2 yr. 25c, \$2.50 per doz.

St. Croix Sapodilla. A variety with whiter pulp and more delicate flavor than ordinary sorts; considered the best. 35c, \$3.50 per doz.

ANACARDIUM occidentale. * * **Cashew Apple**, or **Cashew Nut**. Juicy, sub-acid fruits, red, white or yellow, bearing seeds on outside of the fruit. Seeds edible when roasted, and also used for flavoring wine, chocolate, etc. 1 yr. seedlings from either **Red** or **Yellow** fruits, 25c, \$2.50 per doz.

ANANAS sativus. * and * * The **Pineapple**. Those desiring large quantities of either slips or suckers should write us, stating number required, and get a net estimate. Rooted plants in stock as follows:

Red Spanish. The ordinary commercial sort so largely grown. 10c, 85c per doz, \$5.00 per 100.

Smooth Cayenne. The only sort without spines on the leaves. A very valuable sort, now extensively grown in the Tropics, both for shipping fresh and canning. This is a fine variety for the home garden, as it bears almost any time throughout the year. 15c, \$1.50 per doz., \$10.00 per 100.

ANNONA cherimolia. * * The **Cherimoya**, or "**Jamaica Apple**." Small seedlings, 35c.

A. muricata. * * **Sour Sop**. Large, prickly, juicy fruit, used in making sherbet. 2 yr. 25c, \$2.50 per doz.

A. reticulata. * * **Custard Apple** or **Bullock's Heart**. Large, rough fruit, sub-acid; bears two crops yearly. 1 yr. seedlings 25c, \$2.50 per doz., 2 yr. 35c, \$3.50 per doz.

A. squamosa. * The **Sugar Apple**, or **Sweet-Sop**. A large bush with deciduous foliage. Fruit medium sized. 1 yr. seedlings 25c, \$2.50 per doz.

ANTIDESMA bunius. * * Quick growing, small trees, bearing sub-acid fruit of small size, used

chiefly for preserving. 1 yr. seedlings 25c, \$2.50 per doz.

A. venosum. * * Fruits small, dark red. New from Africa. 50c.

ARTOCARPUS communis. * * The **Breadfruit Tree** of the South Seas now grown in most Tropical countries. Leaves large and ornamental. Seedlings, \$2.00.

A. integr. * * The famous **Jack Fruit Tree**. A very tender tropical tree, somewhat like the preceding species from the East Indies. Does well in the Tropics generally. Fine young stock. \$1.00.

AVERROHA carambola. * * The **Carambola** of India. Leaves evergreen and compound; fruit five angled, about 3 to 5 inches long, quite acid, used cooked. 25c, \$2.50 per doz.

CARICA papaya * The **Papaw**, or **Melon Fruit**. A fine decorative plant with large palmate leaves. Being dioecious, one should set several specimens to be sure of getting fruit. Seedlings of the finest fruit only are offered, and all pot-grown.

Variety No. 1. "Finest and best." 25c, \$2.50 per doz.

Variety No. 2. "Largest." 25c, \$2.50 per doz.

CARISSA bispinosa (arduina). * and * * * **Amatungula**, of Natal. Fruit is well liked, and handsome in appearance; about 1½ inches long, scarlet. Seedlings, 2 yr. 25c, \$2.50 per doz.

CARYOPHYLLUS jambos. * * * (Eugenia jambos) **Rose Apple**. A good-sized tree with handsome appearance. Fruits medium-sized, rose-flavored, crisp and delicious when fresh. Makes fine preserves, etc. 1 yr. 15c, \$1.50 per doz.; 2 yr. 25c, \$2.50 per doz.; 3 yr. 35c, \$3.50 per doz.

CASIMIROA edulis. * * * **White Sapota**, of Mexico. A very promising new fruit tree which has borne well in South Florida, and is harder than most tropical trees. The fruit is yellow, about the size of a small orange, round with smooth skin; the seeds are three or four, and are imbedded in a white pulp of pleasing taste, something like the peach in flavor. The fruit

Royal Palm Nurseries, Oneco, Florida.

keeps well, and should be grown for market. We have made especial efforts to obtain seed from the very finest fruit produced in various parts of Mexico, and offer fine seedlings, pot-grown, 3 yrs. old, 35c, \$3.50 per doz.

CECROFIA palmata. * * **Shakewood Tree.** Handsome, palmate foliage silvery on under side. Fruit curiously like fingers, soft, similar to the fig, minute seeds; sweet. **Diocious.** Seedling plants, 1 yr. 25c, \$2.50 per doz.

CHRYSOBOLANUS icaco. * * **Cocoa-plum** of Florida and the West Indies. Evergreen, shrubby; fruits pink and white. 25c. \$2.50 per doz.

CHRYSOPHYLLUM cainito. * * **Star Apple.** Good-sized tree; fruits 2½ to 3 inches in diameter. The foliage broad and very handsome, with a brown under-surface. 35c, \$3.50 per doz.

C. monopyrenum. * * **Satin Leaf** of extreme South Florida, a beautiful tree, with purple fruit, sweet and dry. 35c, \$3.50 per doz.

COCCOLOBIS uvifera. * **Seagrape or Shoregrape** of West Indies and South Florida coasts. Foliage large and rounded, with red stems and veins, very handsome; the late Rev. Chas. Kingsley described it as the most beautiful tree in the West Indies. Fruit purplish-red, borne in spikes like currants, ripening in September, and from which a fine jelly is made. 1 yr. 25c, \$2.50 per doz.

DIMOCARPUS longan. * * **Longan.** Fruit small, in large bunches, very sweet, not first-class. Tree handsome, and may be used as a shade tree; also used as a stock on which to bud or graft the

famous Litchi, a near relative. 3 yr. 25c, \$2.50 per doz.

DOVYALIS caffra. * * * **Kai-apple** of South Africa. Acid fruits used in preserves. 35c.

D. hebecarpa. (*D. gardneri*) * * * If frosted down, comes up and bears **same year.** Fruit tastes like the cranberry. 1 yr. 25c.

EUGENIA operculata. * * * Splendid evergreen tree from Ceylon and India. Fruit not first-class, but of interest; timber valuable. New. \$1.00.

E. uniflora. * and * * * **Surinam Cherry.** A large shrub; fruit small, bright red and agreeably acid; used fresh and for making jelly. Under high culture bears two enormous crops yearly. A fine subject for growing in tubs at the North, as foliage and fruit are very attractive at all times. All pot-grown, seedlings from best fruit.

1 yr. 10c, \$1.00 per doz., \$ 7.00 per 100.

2 yr. 15c, 1.50 per doz., 10.00 per 100.

3 yr. 25c, 2.50 per doz., 18.00 per 100.

Black Fruited Surinam Cherry. Similar to preceding, except in color of the fruit. Seedlings only, 2 yr. 35c, \$3.50 per doz.; 3 yr. 50c.

GENIPA americana. * * **Marmalade Box.** A recent introduction from Porto Rico, fruit of which is highly commended in cookery. Fine stock. 2 yr. old 40c, \$4.00 per doz.

G. caruto. * * **Jagua**, of Cuba. Fruit size of a peach; pulp whitish. A tree of 20 to 30 feet. New. 50c, \$5.00 per doz.



View showing small part of our plant houses; the most distant house is an acre devoted to tropical fruit tree experiments

Royal Palm Nurseries, Oneco, Florida.

GREWIA denticulata. * * From India. Tree resembles the mulberry; fruit small and acid. \$1.50.

LUCUMA rivicoa. * * Egg Fruit of West Indies. A sterling fruit for the tropics; small to medium size, rather dry, but rich, tasting much like a sweetened hard-boiled egg. Seedlings, 1 yr., 25c, \$2.50 per doz.

MACADAMIA ternifolia. * * Queensland Nut. A very valuable nut tree for the tropics. Tree of slow growth. Nuts something like Aliberts, very good and rich. 50c, \$5.00 per doz.

MALPIGHIA glabra * and * * Barbados Cherry. Dwarf tree with delicious red fruits of sub-acid flavor. Seedlings, 1 yr. 35c.

MAMMEA americana. * * Mamme apple. Large tree, bearing very large fruits 3 to 6 inches in diameter. Does well in extreme South Florida. 50c.

MANGIFERA indica. * and * * Mango. One of the most important tropical fruits for South Florida. We have been importing the delicious East Indian varieties for years, and we were the first to inarch these in Florida, beginning in 1887. Our stock is probably the largest in Florida. All sorts named are East Indian varieties of exceptional value, almost or entirely devoid of fibre. These should be planted everywhere in South Florida (and of course in the tropics generally); in Florida in protected spots or else protected artificially with cloth or lumber, so that fruit may be grown for home use. In places where frost is unusual, the young trees may be banked with soil for a foot or more, and if boughs of trees or corn or cane stalks be placed about them in winter for the first 2 or 3 years, they will have ample protection; when older the tops will be their own protection. Nothing compares with the improved mango for table use, and even one tree is worth a lot of trouble to grow, as grafted stock bears early and abundantly.

Every lover of mangos who lives in a frosty locality in Florida may enjoy home-grown fruit by making a simple framework (posts and light scantling) around one or more trees either in the open, or against a building, and covering with any cheap cloth during the winter months.

Fire heat may be provided by oil stoves or small open fires, etc. It requires but a very small fire to keep out frost when the framework is covered with cloth snugly.

Mango fruit is delicious sliced like peaches for dessert; the fruit may be cut around on the "edge" and twisted apart easily in some of the best sorts as Mulgoba, Haden, Cambodiana, Rajpury, Gordon, Langra Benarsi, Totafari, Paheri, Bennett, Sandersha, etc., and the pulp scooped with a spoon from the center, leaving the skins, as one does in eating grapefruit; mangos are also used in a number of ways cooked,—preserved, canned, marmalade, clutney, pickled, etc.

Our plants are all inarched (or grafted) on to pot-grown 2-year-old seedlings, and may be set safely at any time of the year, being strong and vigorous trees, well rooted. Pot-grown stock is the only safe stock to handle, as the mango when transplanted from the open ground is very likely to die. In setting out pot-grown trees the planter is sure to get growth from every one.

Prices of all sorts (except where noted):

Grade.	Size.	Each.	Doz.	Hundred.
A.	10 to 18 inches	\$1.50	\$16.50	\$125.00
B.	18 to 24 inches	1.75	19.00	140.00
C.	24 to 36 inches	2.00	20.00	160.00
D.	Extra large	2.50	27.50	

Note discounts on page 4, paragraph 1, of this catalogue.

Amini. General form long, about 5½ inches; skin medium thick, yellow and red. Flesh meaty, tender, juicy and sweet.

Arbutnot. Imported by us direct from India. This fruited for us in 1910 for the first time. The fruits are rather long, weighing 8 to 14

ounces each, of excellent flavor, and very little fibre.

Bennett (Bennett's Alphonse.) Considered one of the best yet fruited in Florida. Medium-sized; highly colored; very prolific.

Bombay Yellow. One of the celebrated mangos of India. Possibly may be same as Peters. \$2.50.

Cambodiana. Very rapid grower, bearing medium to large fruit; early ripening; color yellow; shape long; rather more acid than most sorts if gathered before coloring, but when ripened on the tree quite sweet. Very fine sort, without any turpentine taste. One of the best.

Ennuria. Of our own importation. Medium-sized, oblong; highly colored; exquisitely flavored; mid-season in ripening; has a little fibre.

Fernandez. Fruit small, covered with a glaucous bloom; of superior flavor.

Goa Alphonse. Said to be one of the finest grown around Calcutta, but not tested by us as yet. A fine grower. Strong stock \$2.50, \$25.00 per doz.

Gollan. Our importation from Saharanpur, India, named in honor of the late Superintendent of Government Gardens there. Fruit large, oblong, weighing from 12 to 24 ounces each; pale yellow in color. Small quantity of fibre; flavor excellent.

Gopal Bhog. Fruited the past season. A medium sized fruit resembling Arbutnot in flavor.

Gordon. A large fruit resembling Totafari in general appearance. Very fine quality.

Haden. A fine variety originated by the late Captain Haden, at Coconut Grove, Fla., from seed of Mulgoba. Has high color, clear yellow and with a brilliant red cheek; quality similar to the parent, with promise of being more prolific. Very popular in Dade County and considered by many superior to Mulgoba in all respects.

Langra Benarsi. One of our introductions from India, which bore in 1910 for the first time. Promises to be very prolific and is a strong grower. The fruit is the largest we have ever seen, weighing up to 3 lbs., 6 oz. each! Very little fibre, flavor rich and juicy; color of skin yellow or greenish-yellow, \$2.50, \$25.00 per doz.

Mulgoba. Large, very fine fruit, deliciously flavored, devoid of fibre, highly colored; perhaps the best. The first of the Indian varieties to fruit in Florida, and now a standard from which all newer sorts are judged. This is a grand market fruit.

Paheri. Imported by Department of Agriculture, and fruited in 1910 for the first time in Florida. One of the finest sorts grown in India. General form is roundish, about 3½ by 3½ in. Skin thick, yellow and green when ripe, touched with garnet red on the sunny side—very attractive. Flesh yellow, tender and juicy; sweet and aromatic. Of very highest quality.

Peters. Supposed to be one of the famous Bombay mangos. Rather late ripening; medium size; very rich red color; spicy, prolific.

Rajpury. Averages about 10 oz. in weight; a trifle elongated; flavor rich and buttery; both flavor and aroma distinct from any other mango, and very attractive; very prolific.

Sandersha. So far as known, the latest to ripen. Fruit long, yellow, large size, sometimes nearly 3 lbs. each. Flavor good, but somewhat acid.

Singapur. Our own importation, which fruited for the first time in 1911, and proved to be all that was claimed for it by our Indian correspondent. The skin is green and golden yellow, finely mottled, thick and strong, with a grayish-blue bloom, clean and free from spotting. The flavor is distinct, rich and sweet, with characteristic true mango flavor. The fruits are remarkably uniform in shape, meaty, thick and solid—perfect,

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weighing from 14 to 20 ounces each, and we judge will be a remarkably good shipper. The seed is medium and flat.

Totafari. One of the best sorts, resembling Sandersha, but only about half the size. Bears well when very small, and is prolific.

Seedling mangos, from Eleanor type 1 yr. 25c, \$2.50 per doz.

Seedling mangos, from Number Eleven. 1 yr. 25c, \$2.50 per doz.

Seedling mangos, from named Indian varieties. 50c, \$5.00 per doz.

Seedlings, mixed. 1 yr. 20c, \$2.00 per doz.

MELICOCCUS bijugatus. * * **Ginep, or Spanish Lime.** A good sized tree with queer leaves, making an excellent street tree. The fruit varies in quality from sweet to sub-acid, but is generally liked, and resembles plums in appearance. 2 yr. 25c, \$2.50 per doz.; 3 yr. 35c, \$3.50 per doz.

MONSTERA deliciosa. * and * * **Ceriman.** An aroid plant with enormous pertuse leaves which are beautiful. Will grow up and around the trunks of low shade trees. Fruit resembles an ear of maize, and is delicious in aroma and flavor. \$1.00.

MUSA, The Banana. All sorts of great value to South Florida for fruit and to colder climates as decorative plants, being used freely in lawn and park planting. Write us in the spring, stating number required, and we may be able to make special low prices.

Cavendish. * and * * **Dwarf,** very tender. Fruit rich and fine. Suckers 25c, \$2.00 per doz.

Hart's Choice, or Lady-Finger. * * * One of the most hardy sorts, and the most valuable for Florida planting. Fruit is most delicious. Suckers 25c, \$2.00 per doz., \$15.00 per 100. Extra large at 50c, \$5.00 per doz., \$35.00 per 100.

Orinoco. * * * or **Horse Banana.** A sort of plantain; fine for cooking, but liked raw by many. Very hardy. Suckers 25c, \$2.00 per doz., \$15.00 per 100.

PASSIFLORA laurifolia. * * The **Water Lemon** of Trinidad. A vine of beauty and utility; the fruits freely used in ices, etc. 25c, \$2.50 per doz.

PERSEA americana. * * **Avocado or Avocado Pear.** The most valuable fruit on the American market. Fruit is used exclusively as a salad, with various dressings. We offer seedlings from the finest large green and purple sorts of Cuban

origin mostly, strictly first-class. 1 yr. 35c, \$3.50 per dozen.

Family. Fruit medium to large; cavity small; color yellowish green, marbled and striped with purplish red; quality good to very good. The fruit ripens over a period of eight to ten weeks, commencing fairly early in summer and lasting until the late sorts begin to ripen. Budded trees for spring and later delivery. \$2.00 each.

Mexican type, seedlings, 50c, \$5.00 per doz.

Pollock. Very early, large, green-skinned variety of best quality, ripening from August to October. Budded trees, \$2.00 each. Seedlings, 1 yr. 50c, \$5.00 per doz.

Trapp. A late ripening, green avocado of medium size, almost round; finest quality; ripens from November to January.

Budded trees, \$2 each. Seedlings, 1 yr. 50c, \$5.00 per doz.

PHYLLANTHUS distichus. * **Otaheite Gooseberry.** A small tree with splendid pinnate leaves, exceedingly ornamental; fruit small, white and very acid; used when cooked only. 1 yr. 25c, \$2.50 per doz. 2 yr. 50c, \$5.00 per doz.

P. emblica. * * The **Emblac Myrobolan,** of India. Foliage is very beautiful, compound, fern-like; fruit acid, and used in cookery. Plants 35c, \$3.50 per doz.

PSIDIUM. The Guava. A grand fruit in all its varying forms, especially valuable for Florida because of its surety to sprout up after being cut down by the frost, and bearing after one frostless winter. The fruit is always borne in enormous quantity,

and varies in size, color, acidity, juiciness and seediness, our aim being to propagate from the very finest types we can secure, and to only offer the best. We grow many thousands of plants yearly from seed only, and offer the following kinds, all of which are valuable for cooking—canning, preserving, making jelly, etc., or may be used in the fresh state with sugar and cream, being only second to finest peaches. All stock is pot grown, and may be transplanted any time.

P. araca. * * From Brazil. Fruit extremely acid, of medium size, not very seedy, especially valuable in jelly making. A few fruits added to a lot of sweet guavas makes a fine jelly combination. 3 yr. old, 50c.

P. fredrichstalianum. A very acid guava from Costa Rica. Fruits round, thick meated. 35c, \$3.50 per doz.



Singapur Mango, about one-half size.

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P. guajava. * and * * * The common guava. Fruits are variable in size and shape, sweet, sub-acid and sour, and largely in demand for making jelly, marmalade, cheese, and all manner of preserves. We grow this largely, and all from seeds of the most distinct and valuable fruits. Select sorts follow, of which we consider a large majority of the trees will bear true to description, but this cannot be guaranteed in seedling stock.

Allahabad Seedlings. From India, season 1913. 15c, \$1.50 doz.

Brazilian. Fruit very sweet, mostly white and free from an excess of seeds. 25c, \$2.50 per doz.

Guinea. In both white and pink fleshed forms. Very large fruits (sometimes $\frac{3}{4}$ of a pound), exceedingly thick meat and freest of seeds. Good for pickling. Sweet. 2 yr. 15c, \$1.50 per doz.; 3 yr. 25c, \$2.50 per doz.

Perico. A sub-acid sort of very large size. Flesh thick and meaty, containing rather under the usual quantity of seeds; color pink. Flavor and quality the very best. This is fine for dessert and for canning. Strong. 2 yr., 15c, \$1.50 per doz., \$10.00 per 100, \$90.00 per 1000; 3 yr. 25c, \$2.00 per doz., \$15.00 per 100.

Red Fleshed, from India. Season 1913. 15c, \$1.50 per doz.

Smooth Green, from India. Season of 1913. 15c, \$1.50 per doz.

Sour. A lot of plants from the most desirable acid guavas, especially suitable for jelly-making and preserving. Prices same as for "Sweet."

Strawberry, from India. Season 1913. 25c, \$2.50 per doz.

Sweet. Grown from mixed sweet guavas, both pink and white-fleshed, etc. For dessert and preserving. 1 yr. old 10c, \$1.00 per doz., \$7.00 per 100, \$60.00 per 1000; 2 yr. 15c, \$1.50 per doz., \$10.00 per 100, \$90.00 per 1000; 3 yr. 25c, \$2.00 per doz., \$15.00 per 100, \$125.00 per 1000.

For **Hardy Guavas** see page 16.

RHEEDIA aristata. * * A choice and rare tree of Isle of Pines, resembling a holly, growing up to 50 ft. Fruit of questionable value. Resin medicinal. New. 50c, \$5.00 per doz.



View of Mango Trees in Acre House.

R. madrono. * * One of the finest fruits of Central Colombia, recently introduced by us. Very rare. \$1.00.

RUBUS ellipticus (flavus) * * * An Indian Raspberry of gigantic size, canes $1\frac{1}{2}$ inches in diameter not being uncommon. Fruit yellow and good. Must be grown in frost-free location. 25c, \$2.50 per doz.

SPONDIAS cytherea (dulcis). * * Otaheite Apple. A large tree, very tender, producing plum-like fruits 3 inches long, of a peculiar flavor. Young stock 50c, \$5.00 per doz.

STRYCHNOS spinosa. * * "Natal Orange." A promising new fruit from South Africa; larger than an orange with a very hard shell. Pulp very aromatic, with consistency of a ripe banana. Young plants, 50c, \$5.00 per doz.

SYZYGIUM cumini. * * "Java Plum." An East Indian fruit tree related to the rose-apple. Fruits purple, one-half to 1 inch in diameter. 35c, \$3.50 per doz.

TAMARINDUS indica. * * Tamarind Tree. Large, very ornamental; fruit consists of fleshy pods, the acid pulp surrounding the seeds used in preserving and in making a delicious drink. Small, 15c, \$1.50 per doz. Larger, 25c, \$2.50 doz.

TERMINALIA catappa. * * The so-called "Tropical Almond." "With its flat stages of large, smooth leaves and oily, eatable seeds in an almond-like husk, it is not an almond at all, nor any kin thereto." Deciduous, the leaves turning brilliant red and orange in the autumn, and reaching 60 or more feet in height. Strong stock 25c, \$2.50 per doz.; 2 yr. 35c, \$3.50 per doz. Extra large 50c.

T. edulis. * * A large tree with fruit larger than a cherry, dark red, fleshy, sub-acid. New. \$1.00.

TETRASTIGMA harmandi. * * A tall-growing woody vine from Cochin China, which bears enormous quantities of fruit resembling a Scuppernong grape. New. 75c.

VANGUERIA madagascariensis (edulis) * * "Vavangue." A large-leaved shrub; fruit contains a brown pulp when dead ripe. 35c, \$3.50 per doz.

FOREIGN TESTIMONIALS.

Hawaiian Islands, Hilo, Hawaii.—"The palms I received last year traveled over three thousand miles (and were over two weeks en route before they reached me), and were in such perfect condition that had they been packed and shipped in the morning and reached me in the afternoon on the same day they could not have been in more perfect condition. It was certainly a surprise to me. As plant inspector it falls to my lot to inspect all plants coming to this port. I see much good and much bad packing of plants for shipment, but have never come across such perfect work."

BROTHER M. NEWELL.

England: "Cothars," Gorsley, Newent, Glos.—"I have to-day received the plants you sent. They came perfectly, and are as fresh as if they had been packed yesterday. I am very much pleased with them, and think you have been very liberal in filling the order."

MRS. APSLEY SMITH.

Costa Rica: Cartago, June, 1914.—"Received the trees I had ordered from you and am satisfied with them. Most of them are growing nicely."

HERMAN F. KRUSE.

Hawaiian Islands: Honolulu, April, 1914.—"The plants came in good condition, and I set them out today. I blasted the holes as our soil is rather shallow and underlaid with hardpan. Am much obliged for your promptness."

HARRY ROBERTS.

Royal Palm Nurseries, Oneco, Florida.



Semi-Tropical and Temperate Fruit Trees and Plants



SPECIAL NOTICE—The majority of plants and trees named in this department should be set in winter, and not later than March 1st. Citrus trees, pot-grown guavas and other plants, however, may be set in spring, summer and Autumn; in fact, at any time convenient, if of sufficient age. See page four, paragraph one, for discounts.

Explanation of symbols for this section.—* Hardy throughout the South. * * Adapted to coast regions where temperature seldom falls under 20 degrees Fahr. * * * Most tender semi-tropical sorts, not being able to withstand a lower temperature than 26 degrees Fahr. without injury. **D.** Deciduous species. **E.** Evergreen.

CITRUS SECTION



Citrus Nursery Trees as we grow them.

The growing of orange, lemon, grapefruit, etc., is one of our oldest and most important specialties, millions of trees having been raised during the past 31 years, and we are keeping up with the times in offering the very best sorts, as well as first-class trees in quantity.

Our nurseries for citrus stock are on high sandy soil, insuring good roots.

Our budded trees are stake-trained, but are headed back to develop stockiness, and unless requested to the contrary, are cut back properly ready to set out, before being packed for shipment.

The stock grown on our high lands succeeds equally well on low or high lands

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when transplanted, but we suggest that when set on low lands the planter make large mounds so that in wet seasons the crown roots may be well out of standing water. On low lands, if there is hardpan, the holes should be blasted out by dynamite, and free use of lime or marl made; the tap-roots should be cut rather short also—say about 9 to 12 inches. The best time to set citrus trees is in November or December, but we sometimes hold stock until later and will agree to do so until February 15th, provided 25 per cent of the purchase price is paid down with order, the balance to be paid at time of ordering out the trees.

GRAPEFRUIT or Pomelo. * * E. (*Citrus grandis*.) The growth of the grapefruit industry has proven a wonder of modern enterprise. Starting about 25 years ago, the Florida product has reached an output of perhaps two and a half million boxes for season of 1914-15, bringing for many years a fabulous price, and promising to remain a sound investment. Florida alone of the United States can produce first-class grapefruit. With the advent of our *pink-fleshed* variety, *Foster*, the classes of grapefruit are now complete; we offer the best only of the various classes, *Royal*, of the sweet type—a great success, and originally put out by us many years ago; *Marsh*, the best of the seedless type; *Walters* and *Ellen*, of the Florida type; *Pernambuco*, of the imported South American type, and now at last, after many, many years' search and experiments, the real rose-tinted grapefruit has appeared, a *sport from Walters*, originating in the famous Atwood grapefruit grove, a few miles from Oneco, which we have called *Foster*, from the finder of the original branch. Prices are as follows, (except on *Foster*) for fine trees grown on the various stocks:

Height.	Each.	Per Doz.	Per 100.	Per 1,000.
1 to 2 ft. -----	\$.65	\$ 6.50	\$ 50.00	\$ 450.00
2 to 3 ft. -----	.75	7.50	60.00	500.00
3 to 4 ft. -----	1.00	10.00	75.00	625.00
4 to 5 ft. -----	1.25	12.50	90.00	800.00
5 to 7 ft. -----	1.50	15.00	110.00	1,000.00

Do not overlook discounts on page 4, paragraph 1.

Price of FOSTER trees for this season, on grapefruit, sour orange and rough lemon roots, is \$3.50 each, subject to usual discounts and terms as per page 4. Trees will be strong and vigorous 1 yr. old buds on 3 yr. old roots, mostly from 3½ to 5 feet high in the nursery, but must be cut back to about 2 ft. high, and leaves removed. (All citrus trees must be defoliated in Florida shipments, by order of the State Inspector of Nurseries). Varieties follow alphabetically:

Ellen. A splendid new sort originating on our own grounds. Size large; skin thin; in shape slightly flattened; very juicy, with average number of seeds; not excessively bitter. On **rough lemon, pomelo, and sour orange.**

Foster. The newest and most valuable of all grapefruit; the **finest and only grapefruit with rose-pink-tinted flesh yet known!** The origin is a true sport, a single branch on a large *Walters* tree, discovered by Mr. R. B. Foster in the world-renowned and immense Atwood grapefruit grove; (the largest exclusive grapefruit grove in the world, and worth a fabulous sum) Mr. Foster budded several trees from this sport some years ago, and has fruited it out for several seasons, the fruit being exactly the same as the original branch. See cut on page 12, showing it accurately. The quality is all one can ask for, simply unexcelled by anything in the grapefruit line, as *Walters* with *Pernambuco* have been considered the very best sorts by the largest growers for some years, and *Foster* is precisely like *Walters* in all except its grand color. The pink color has been hunted for by horticulturists for years, but has been a will-o'-the-wisp until the present. Season the same as *Walters*. A brief description taken from the Government Pomological Notes follows: "Form, round oblate; size, large; color, pale lemon-yellow; texture, tender; peel, one-eighth inch or more; juice, clear and abundant; flavor mild and pleasant; bouquet, rich; bitterness, slight; quality, very good. Next to the skin the flesh is a light purplish-pink color, which shades to a clear translucent color at the core; there is very little pulp."

"Dear Mr. Reasoner:

"No doubt you have been wondering why I have not replied to your letter of November 14th, in regard to the pomelo, or grapefruit, which you sent for examination. At the time it was received

"Washington, D. C., Dec. 15, 1911.

Royal Palm Nurseries, Oneco, Florida.

our artists were very busy in painting perishable fruits, and as we wanted to get a painting of this new variety of pomelo, we put it into our refrigerator and have held it there until a few days ago we had a painting and description made of it. I am sending you a copy of the description under separate cover. Several of the office force were present when we cut the fruit, and they were unanimous in their opinion that it was one of the best in quality of any of the pomelos which we have received at this office. I think it is a very valuable acquisition to the list of pomelos, provided the behavior of the tree is equal to the quality of the fruit. Thanking you very much for the privilege of examining this new fruit, and hoping to reciprocate your favor when opportunity occurs, I am,

"Yours very truly,

"G. B. BRACKETT, Pomologist."

Again we have a letter from Mr. Brackett as follows:

"Washington, April 15, 1913.

"Dear Mr. Reasoner:

"Referring to your letter of March 27th in regard to the Foster pomelo fruit which you sent: One was sampled at the time they were received, and the other was held until quite recently, in order to ascertain how they would stand the keeping. I find that this fruit is one of the best of its kind that we have received at this office. I think I gave you a description of this last year, so that it is not necessary for me to reiterate it again. I will say, however, that the variety is very juicy; of very pleasant flavor; has very little of the bitterness which just suits my taste exactly. The rind is very thin, and has but very little rag to the pulp.

"Yours very truly,

"G. B. BRACKETT, Pomologist."

A letter from that "Grand Old Man," former Pomologist Van Deman, follows:

"Ferriday, La., March 21, 1913.

"My Dear Friend Reasoner:

"Your letter came in due time, and the two Foster pomelos a little later. I have tested them both, and they are certainly equal to the old Walters, and that is saying about all that can be said for a pomelo in quality, size and shape. The pink color is not only rare, but very attractive, and ought to cause the fruit to sell at fancy prices. This is something that has long been desired, and a pink-fleshed variety has been reported as being in Siam, and efforts have been made by the government explorers to secure the stock, but so far without success, as I have been told. Now there is no need of any such importation. * * * * *

"Yours very sincerely,

"H. E. VAN DEMAN."



Foster Grapefruit (Also see Cover for Color Plate of this Sterling Novelty).

Royal Palm Nurseries, Oneco, Florida.

As Mr. Deman suggests, this variety, Foster, will surely be a money maker for many years to come; nothing like it in the markets, and a hungry and discriminating public simply waiting to buy. Fruit sent to the **American Pomological Society** in November, 1913, were given "**Honorable Mention**" in the new fruits for first time—a **signal honor**.

Marsh Seedless. Medium to large size; almost or quite seedless; juice somewhat bitter. The fruit is late in ripening and holds exceptionally well without waste. Grown on **rough lemon, pomelo, and sour orange**.

Pernambuco. Has been the leading sort in demand in this section for some years. Large size; late in ripening; bitter but fine. On **rough lemon, pomelo, and sour orange**.

Royal. One of our early introductions. Early ripening, sweet, not quite large enough for the general market. The best of the sweet varieties. Grown on **rough lemon and pomelo**.

Walters. This is the very best Florida native variety, originating at Bellevue, in Marion County. Has the true grapefruit bitterness and flavor in perfection, and is a wonderful bearer of the very best fruit. Considered by Mr. A. H. Brown, the manager of the Atwood Grapefruit Grove, as the best of all the varieties grown there, with Pernambuco an exceedingly close second. Season, fairly early to very late, according to soil and culture. Grown on **rough lemon and pomelo**.

THE KUMQUAT (Citrus japonica). * * E. A small fruit and dwarf tree; admirable for small plots of ground or for conservatories. Fruit eaten either raw or cooked. Very ornamental. There are two forms, the **oblong and round**; the oblong being preferred. Prices on **rough lemon, trifoliata**, and other stocks, 35c, 50c, 75c and \$1.00 each. (Trees are bushy and cannot be graded with standard citrus trees.)

THE LEMON (Citrus limonia). * * * E. Of the many excellent commercial lemons we have the following two sorts in stock, at same prices as on the orange.

Genoa. This is perhaps the best known variety, largely grown in California, where it is frequently called **Eureka**. A very fine sort here in Florida, that should be nearly ripe, or fully ripe, before being used, thereby developing its juice to the full. Grown on **rough lemon and sour orange**.

Lamb. Fruit is very similar to the preceding, of the best quality, and we find the tree stands more cold than any sort we ever raised. Grown on **rough lemon, and sour orange**.

THE LIME (Citrus aurantiifolia). * * * E. The limes are generally more tender than other citrus trees, and should have protection from cold in frosty locations. The Sour Rangpur is more hardy than the others, standing almost as much cold as an orange tree. Limes have a very agreeable acid and as the fruit of several sorts ripens, at intervals through the year they are especially valuable for South Florida, both for home use and for market. Prices are the same as for grapefruit.

Mexican, or Key. A small fruit produced very abundantly, and from two to four crops per year. This is a very valuable crop for South Florida, especially for the Keys, the bulk of the fruit ripening from June to September. Seedlings, 2 yr. 25c, \$2.50 per doz., \$18.00 per 100.

Persian. This is very prolific. The fruit is more nearly round than a lemon, and somewhat smaller usually; smooth skin; juice abundant and very acid. Ripens mainly September to December. On **rough lemon roots**.

Sour Rangpur. Resembles a mandarin in shape and high coloring, with segments rather easily parted. Pulp reddish; juice very acid and finely flavored. A heavy bearer. Tree almost as hardy as the sweet orange. Fruit season, October to March. On **rough lemon, and sour orange**.

Tahiti. A very strong grower. The fruits are as large as ordinary lemons, very smooth and almost seedless. Season usually September to December. On **rough lemon and pomelo**.

Thornless. A great advance over the spiny Mexican lime; from Trinidad. Fruit is the same as the Mexican, of small size, and best quality, ripening mainly in the hot season; June to September. On **rough lemon and pomelo**.

THE MANDARIN. (Citrus deliciosa). * * E. All in this group have usually flattened fruit, with fruit segments and skin loosely adherent; sometimes called "kid glove" oranges. Prices the same as on grapefruit trees.

Dancy (Tangierine). Fruit of deciduous, sparkling quality; mid-season in ripening; skin orange-red, very highly colored. Grown on **rough lemon, sour orange, trifoliata, and pomelo**.

King. A large rough-skinned fruit ripening in spring and holding well until May. On **rough lemon**.

Oneco. A good fruit of our introduction. Growth and general appearance of tree resembling Dancy, but the fruit is rounder, and later ripening; of the most exquisite flavor. More hardy than Dancy. On **rough lemon, sour orange, and pomelo**.

Satsuma. A very early fruit, entirely seedless; tree thornless. The best citrus fruit for general culture in North Florida, and the frosty Gulf region, as it is exceptionally hardy. On **citrus trifoliata stock**.

THE ORANGE. (Citrus sinensis). * * E. With the perfecting of the methods of handling fruit by the Florida Citrus Exchange, orange growing has taken on new life and prosperity, and bids fair to more than hold its own as a business for Florida. We only offer the cream of the many kinds which all grow to **perfection** in Florida, at following prices, except where noted:

Royal Palm Nurseries, Oneco, Florida

Height.	Each.	Per doz.	Per 100.	Per 1,000.
1 to 2 ft.	\$.40	\$ 4.00	\$32.00	\$275.00
2 to 3 ft.55	5.50	44.00	400.00
3 to 4 ft.70	7.00	55.00	525.00
4 to 5 ft.	1.00	10.00	75.00	700.00
5 to 7 ft.	1.50	15.00	87.50	815.00
Extra heavy, 2 yr. and 3 yr. budded trees	2.00			

For discounts see page 4, paragraph 1.

Centennial. One of the best native varieties, ripening early, but holding juice well. Grown on **sour orange**, and **rough lemon**.

Homosassa. One of the best of the old-time Florida round oranges, moderately early in ripening. A strong grower; prolific. Fruit of medium size. Juicy, of highest quality. Grown on **pomelo** and **rough lemon**.

Lue Gim Gong. "A late round orange of unusual merit," originating at DeLand, Florida. The fruit is of the very best quality, large size, good color, and holds on the tree for a year or more, enabling the grower to extend the shipping season throughout the summer and early autumn. Perhaps the greatest acquisition in this line ever made in Florida. Prices of Lue Gim Gong, on **sour orange** and **rough lemon**, are as follows:

1 to 2 ft.	each \$.60,	per doz. \$ 6.00,	per 100 \$ 50.00
2 to 3 ft.	each .80,	per doz. 8.00,	per 100 60.00
3 to 4 ft.	each 1.00,	per doz. 10.00,	per 100 80.00
4 to 5 ft.	each 1.25,	per doz. 12.50,	per 100 100.00
5 to 7 ft.	each 1.75,	per doz. 17.50,	per 100 125.00

Majorca. One of the finest Mediterranean sorts, seedless, and a good bearer. Tree thornless. Mid-season to later. On **rough lemon**.

Parson Brown. A very early native variety. On **rough lemon**, **pomelo** and **sour orange**.

Pineapple. A distinctively flavored fruit of great merit. Mid-season to fairly late. On **rough lemon**.

Ruby. A very early orange, showing blood markings when entirely ripe, about January 10th to February 15th. This variety colors up very early, and should be mostly shipped before Christmas. An annual, very heavy bearer; the flavor is most delicious. Probably the best blood orange for Florida. On **rough lemon** and **pomelo**.

Surprise Navel. Of Florida origin. An early ripening fruit of splendid quality and flavor; size medium. Said to bear well, even on **sour orange** roots. Grown on **rough lemon** and **pomelo**.

Tangerona. Very early, but small fruit; skin deep orange, highly colored. On **rough lemon**.

Tardiff (Hart's Late). Very late keeper, season being from March to July, or even later. A fine, heavy orange of exceptional value. On **pomelo**, **rough lemon** and **sour orange**.

Valencia Late. We have had to abandon our idea that there are any real Valencia Lates as originally grown, in the trade. We now consider this the same as Tardiff.

Washington Navel. Fruit early, large, and with the characteristic navel mark on flower end. Quality the best. Of exceptional value for parts of the West Indies and Mexico, South America, and Pacific Coast regions. Does fairly well in parts of Florida, where the quality is par-excellence. A good stock on **rough lemon**, **sour orange** and **pomelo**.

TANGIERINE, see Mandarin, page 13.

TANGELO. * * E. Sampson Tangelo, a hybrid between a Tangierine and Pomelo, of delicious flavor. A very fine breakfast fruit that will appear in the markets soon. The skin is smooth and pulp delicate and tender; sizes run from 80 to 126 per box on an average. Prices of trees on **sour orange** and **rough lemon** stock same as for grapefruit.

CALAMONDIN. * * E. (Citrus mitis). A small citrus tree rarely over 15 to 18 feet in height, from the Philippines, proved quite hardy here, and exceedingly prolific, bearing one or more crops per year. The fruit is small, round, or oblate, about an inch thick, (or like the Mexican lime), very acid, and fine for summer drinks, or for marmalade. Much more hardy than any lime. We recommend it for the upper citrus growing areas of our state. 1 yr. seedlings, 25c, \$2.50 per doz., \$18.00 per 100.

AMYGDALUS persica. * D. The Peach. The only choice hybrid peaches now grown in Florida, mostly from the Chinese peach parentage, have come to the front in market value.

They are so rich and luscious in quality that their culture is spreading farther west and north. The varieties we offer are the best grown, and when propagated on our native plum by root-grafting, are absolutely free from root-knot, thus living out their natural life, of 15 to 25 years. The fruit on such trees is large, fine and free from bitterness. We have satisfied ourselves thoroughly on the above points, and recommend for Florida generally trees so grown. One can safely plant them on any well-drained soil, no matter if infested with root-knot nematodes or

not. These trees are especially recommended for high dry ridges, of even the poorest white sand; soil **must** be dry, or **very** well-drained, and trees **must** be set deeply so the grafted union is from four to six inches below the surface of the soil. Our stock and variety are limited to the following sorts, which cover the season in ripening.

Prices of root-grafted peach on native plum stock: 2-4 ft. 25c, \$2.00 per doz, \$15.00 per 100; 4-6 ft. 35c, \$3.50 per doz., \$25.00 per 100.

Write for rates on trees for **December, 1915.**

Angel. Of good size, with yellow skin, washed with red. Flesh white. Freestone. Ripens in June.

Hall's Yellow. A late-ripening freestone, ma-

Royal Palm Nurseries, Oneco, Florida.

turing in late June or early July. The fruit is large; skin, yellow, washed with red; flesh yellow and red at stone. Quality fine.

Jewell. The earliest and best market peach for South Florida planters. Is of medium size, high color, fine quality and freestone. Ripens in May.

Waldo. Similar to Jewell, but a trifle larger, and later to ripen. First class.

In addition to above, we can supply the following four varieties on peach roots. Prices, 2 to 3 ft. 20c, \$1.50 per doz., \$11.00 per 100; 4 to 6 ft. 30c, \$3.00 per doz., \$20.00 per 100.

Angel, Bidwell's Early, Jewell and Red Ceylon.

DIOSPYROS kaki. * **D.** The **KAKI**, or **JAPANESE PERSIMMON.** A hardy deciduous tree of small size, bearing large fruits which ripen in autumn and winter. Should be grown by every householder in the South for home use at least. The chief difficulty in growing persimmons is the flat-headed borer. Examine all trees in February and dig out the borers from the trunk, from ground up, then paint wounds over with carbolineum avenarius. The markets are taking this fruit in ever-increasing amounts. The following sorts are the very best, for using fresh or dried. Prices, except on Tamopan: 2-3 ft. (mailable) 30c, \$3.00 per doz.; 4-6 ft., 40c, \$4.00 per doz., \$30.00 per 100.

Hacheya. Very large, oblong, with a sharp point; showy, skin very bright red. Flesh deep yellow with some seeds. Astringent until ripe, then of fine melting quality. Largest and handsomest of the Japanese varieties.

Hyakume. Very large-sized fruit; flesh dark and meaty.

Okame. Very large fruit, of a bright red color; flesh light colored, somewhat seedy. Quality first class.

Tane-Nashi. A very large fruit, roundish, pointed; seedless. One of the best, and is vigorous and prolific. Fine market variety.

Triumph. Tomato-shaped, rather small, skin deep yellow to red. The tree is a splendid grower, and immensely productive. Season lasts from September to December. Best sort for South Florida.

Zengi. Small fruit, with dark flesh. Very early to ripen, and not astringent. All other sorts must be dead ripe before being eaten.

Tamopan. The grand Chinese persimmon lately introduced and found to be up to the explorer's description. Trees reach a height of 30 to 50 feet, and attain quite old age. The fruit is exceedingly large, about 3 by 5 inches in diameter, of a bright orange-red color, and sometimes weighs over a pound; perfectly seedless, not astringent; stands shipping well; quality fine. Prices: 2-3 ft., \$1.00; 4-5 ft., \$2.00.

ELAAGNUS latifolia. * **E.** (E. Simoni.) **Simon's Oleaster.** This is a very graceful shrub, bearing scarlet fruits, something like cranberries, worthy of extensive planting. Likes well-drained land. Strong. 3 yr. 50c, \$5.00 per doz.

E. multiflora. * **D.** **Japan Oleaster.** A low-growing shrub with evergreen leaves, silvery on under side. Fruit borne profusely in spring, resembling cranberries, and used in jelly and marmalade. 1 to 1½ ft. high, 35c, \$3.50 per doz.

ERIOTRYA japonica. * * **E. LOQUAT.** (Medlar, or "Japan Plum.") A most valuable winter and spring ripening fruit, yellow, size of plums, deliciously flavored, and fine for preserving. This should be grown extensively in Florida for both home markets and for shipping. As the flowers are sometimes frost-bitten, grow in protected places, or fire during the time of the cold spells. The tree is evergreen, with handsome large rough leaves, worthy of being grown simply as an ornamental both in pots and outdoors. Pot-grown, 1 yr. 10c, \$1.00 pr doz.; 2 yr. 20c, \$2.00 per doz.; 3 yr. 35c, \$3.50 per doz. From open ground, 1 to

2 ft. 25c, \$2.50 per doz.; 2-3 ft. 35c, \$3.50 per doz.; 3-4 ft., 50c, \$5.00 per doz.

FEIJOA sellowiana. * * **E.** A valuable new fruit shrub from South America, related to the guava, but much hardier. The fruit is rough in appearance, of a greenish color, keeping for weeks after being gathered in the autumn, and is subacid, liked by all. Seeds so small as to be unnoticed. Size of fruit 1½ to 3 inches in length. Bushes seem to bear here when several are grown in proximity. 2 yr. pot-grown stock, 50c, \$5.00 per doz.

FICUS carica. * **D.** The **FIG.** One of the most delicious of all fruits, which does well along the Gulf Coast. In Florida, owing to presence of nematodes, care must be taken in heavy mulching (preferably of stones or brick-bats) as a preventive, or planting close up to buildings under which the roots will be shaded. That curse of some Florida communities, **old tin cans**, and rubbish generally may be used to advantage around fig trees. Price of all sorts. 1 to 2 ft. 20c, \$2.00 per doz.; 2-3 ft. 30c, \$5.00 per doz.

Brunswick. Fruit large, dark violet in color; flesh white and pink. Very strong grower and prolific fruiter.

Celeste. Often called "Sugar Fig," as its fruit is so very rich and sweet. A small fruit, brownish yellow, borne in profusion. Very hardy.

Green Ischia. Skin a light green color; flesh white, with light red center. An upright grower and hardy.

Lemon. A hardy variety with large, lemon-yellow fruit. A fine sort for preserving.

Magnolia. A large-sized fruit of light color, used largely in Texas for preserving.

HICORIA pecan. * **D.** The **Pecan.** Pecan nuts form a staple crop in the South and fine, large nuts bring high prices. The industry is a safe one in the proper latitude. The lower South has an immense area of excellent soil, suitable for these trees. The sorts we offer are the cream of the best named varieties, and priced as follows: 2 to 3 ft. (unmailable) 85c, \$10.00 per doz., \$80.00 per 100; 4 to 5 ft., \$1.50, \$17.50 per doz., \$140.00 per 100.

Money-Maker. An exceptionally hardy variety, likely to succeed as far North as Illinois. Vigorous and prolific. Nuts large, averaging about 50 to the pound.

President. The finest of all pecans, embracing all the qualities of a perfect nut, in shape, size, color and keeping quality. The meat is of delicious flavor, very solid. Has proved very productive. Size 45 to 50 per pound.

Stuart. One of the oldest named sorts. Nuts of large size and of splendid flavor. A heavy bearer.

Van Deman. A large nut, 45 to 50 per pound, oblong in form. Quality good, and tree a prolific bearer.

MORUS alba. * **D.** The **MULBERRY.** Very useful trees for shade, and bearing enormous quantities of fruit, especially useful for feeding poultry and swine. (For poultry feeding see *Sapientia seiberium* in Department III.) Prices of Mulberry trees, 2 to 4 ft., 20c, \$2.00 per doz.; 4 to 6 ft., 30c, \$3.00 per doz.; 6 to 8 ft., 50c, \$5.00 per doz.

English. The latest of all to ripen; an excellent variety.

French. The earliest of these four to ripen, coming very early and lasting several weeks.

Merritt. A valuable new sort, bearing large fruit which ripens early, and continues for three or four weeks.

Stubbs. Decidedly the best we have seen. Tree large; fruit extra large and fine, borne very plentifully. The fruit of this is the best for culinary use or eating out of hand. Medium early.

Royal Palm Nurseries, Oneco, Florida.

OPUNTIA ficus-indica. * * **B. Indian Fig Cactus.** This grows sturdily upright and very large, heavy sections, and bears fruit about three inches long; pale-yellow in color. This has no large thorns and is practically spineless. It is liked by many. Large cuttings, 30c, \$3.00 per doz. Heavy rooted pieces, 50c, \$5.00 per doz.

O. native species. * * **E. Tuna Cactus.** This is a giant prickly pear, growing up to five feet, and bearing quantities of purple fruits 2½ inches long; used in preserving and for furnishing a fine coloring for cakes and ices. Large cuttings, spines sheared off, 15c, \$1.50 per doz.

PRUNUS. * **D. The PLUM.** Plums seldom, if ever, bear well when isolated; the fact is, the flowers need cross-pollination from vigorous sorts, and hence to grow plums successfully one must set a number of kinds in close proximity to insure regular crops. Procure one each of all the native or common, wild plums available and grow closely with any of the choice varieties. A customer at St. Petersburg reports a mixed orchard of Excelsior and Howe, which bears heavily. The following four sorts are best adapted to South Florida, and are grown on plum stock at these prices. 4 to 6 ft. high, 35c, \$3.50 per doz. \$27.00 per 100.

Excelsior. Fruit of fair size, about 1½ inches in diameter, color reddish purple. Quality first-class. All sorts ripen in June here.

Howe (or Stumpe). Fruit medium to large, rich reddish-purple in color, with heavy bloom.

McRae. A new hybrid originated near Lake City, Fla., of the same type as Excelsior. A vigorous annual bearer. Fruit of medium size, 1¼ to 1½ inches in diameter, yellow in color, washed with red on exposed part.

Terrell. Fruit large, up to 2 inches in diameter; sweet and juicy. Color reddish-yellow, somewhat mottled.

In addition to the preceding sorts we recommend the following (at same rates) for colder parts of the South down to the middle of peninsular Florida:

Abundance, Burbank, Kelsey, Wickson.

Seedling Plums of common sorts. 10c to 25c each.

Chickasaw. A native small red plum, very acid; largely used in preserving and jelly-making. A fine fruit, which should be grown by everyone in South Florida. It bears well, on even isolated trees. 1 vr. 15c, \$1.50 per doz.

PSYDIUM cattleyanum. * * **E. The CATTLEY GUAVA.** A vigorous evergreen shrub standing sharp frosts, having handsome broad leaves. Fruit small, averaging about an inch in diameter; borne in enormous masses, ripening in August. Color a pretty red. Fruit is juicy, and sub-acid, good in many ways. A fine plant also of especial value for making hedges in South Florida, as it is usually free from insect pests, such as white flies and scale. Pot-grown. 1 vr. 10c, \$1.00 per doz., \$7.00 per 100; 2 vr. 15c, \$1.50 per doz., \$10.00 per 100; 3 vr. 25c, \$2.50 per doz. A few extra large at 50c.

P. lucidum. (?) * * **E. The YELLOW or CHINESE GUAVA.** Resembles the preceding rather closely in growth, bearing an abundance of yellow fruit somewhat larger than Cattley and sweeter. Same prices as for Cattley, in fine pot plants.

PUNICA granatum. * **E. The famous POMEGRANATE.** A large shrub, or small tree, bearing seedy fruit of large size, eaten out of hand, or used in making sherbet. Good, bushy stock, 2 to 3 ft., 25c, \$2.50 per doz.

Common Sweet, and Spanish Ruby.

PERUS communis. * The **PEAR.** The only pears of value to Florida are those of Chinese origin, as named below. These should be planted freely in Florida on well-drained land of good quality such as suits the orange tree. The fruit matures in August and September or a little later in some kinds.

Cincinnati. A large pear which fruits bountifully in South Florida. Quality rather coarse, but excellent for cooking. Bears when other kinds are barren.

Sand (Chinese Sand Pear). The LeConte is a seedling of this old variety. The Sand Pear is valuable for cooking and canning, and exceptionally free from blight; is a heavy bearer.

Suwannee. A very valuable new pear, originating in South Georgia, and promising well for Florida. Seems to be very resistant to blight and a heavy and regular producer. Size large, with fine color; quality the best yet grown of this type.

Prices of Cincinnati, Sand and Suwannee: 2-3 ft. 40c, \$4.00 per doz.; 4-5 ft., 65c, \$6.50 per doz.

Keiffer. Large, hard fruits, ripening late and slowly. Of value for cooking.

LeConte. Ripening here in July and August. Fruit small to medium, pale yellow, juicy and good. Must be ripened off the tree.

Prices of Keiffer and LeConte: 2-3 ft., 25c, \$2.50 per doz.; 4-5 ft. 40c, \$4.00 per doz.

RUFUS cuneifolius. * **E. Our native BLACK-BERRY.** A good strain of fine sized fruit. 10c, \$1.00 per doz., \$6.00 per 100.

R. hybridus. **E. The NORTHEY BERRY.** Resembles the Dewberry in growth. Fruit purplish in color, good sized and of exquisite flavor. Set 5 to 8 feet apart and train on a wire three or four feet high. 20c, \$2.00 per doz., \$15.00 per 100.

R. trivialis. **E. The MANATEE DEWBERRY.** A delicious black fruit of great value. 10c, 85c per doz., \$5.00 per 100.

VITIS rotundifolia. * **D. The MUSCADINE GRAPE.** A very vigorous type of grape, needing large arbors, well built, for its loads of fruit. This is the grape for Florida and our Gulf Coast country generally. Set vines 15 to 20 feet apart and train up early on arbors 7 ft. high. Make arbors of best material so that they will be permanent structures for many years. Prune out the dense part of these vines every November or December, so that light and air can get to all growth; old crowded vines are no good except along the edges of arbor in the newer growth. These vines all need pollen from the male muscadine or from male vines of Vitis Munsoniana; the former very abundant in the Carolinas, the latter in South Florida. Provide one male to every eight vines as a rule. Mr. F. C. Reimer, Horticulturist at the N. C. Experiment Station, writes the following important words:—"The question is often asked whether these grapes can be used successfully for making unfarmed grape juice. Careful experiments by one of the largest wine manufacturers in the South show that some varieties of this species, especially the dark-fruited varieties, are well suited for this purpose. The writer knows of no reason why this should not become an important industry in the South." (A bushel of grapes may be expected to yield from 3 to 4½ gallons of juice.)

Male Vines. To pollinate the bearing varieties. Price 40c.

Flowers. Of medium size, black, ripens very late, after all others are gone. Sweet; tough-skinned. Price of **Flowers, James, Mish and Scuppernong**, 20c, \$2.00 per doz., \$15.00 per 100.

James. Berry very large, black, or purplish-black, very sweet. Ripens here in August and frequently has a second crop in October or November.

Mish. A new sort of medium size, in color purple. The earliest to ripen here. Has a delicate but rich flavor of the very highest quality.

Scuppernong. Greenish-amber in color, of a delicious and distinct flavor, this famous grape is high in the estimation of all horticulturists, both as a fruit and wine-maker. The berry is very large, ripening in August and early September.

Labama. "Large black berries 8 to 20 in a cluster, of splendid quality. Skin thin, pulp tender, quite early ripening. Vine is exceedingly vigorous and prolific." Price 75c.

Sanrubra. One of the finest of the late Prof. Munson's hybrids. Fruit a clear translucent red; cluster about 2 or 3 times as large as Scuppernong, but berry not quite so large; much more persistent to cluster; skin thin but does not crack; pulp melting, of best quality. Price 75c.

Royal Palm Nurseries, Oneco, Florida.



Economical, Medicinal and Useful Trees and Plants

SPECIAL NOTICE—Nearly the entire list of plants in this department may be planted at any convenient time of the year; Summer especially suitable. Most of them are pot-grown. We take pains to avoid sending plants of any sort at unsuitable times of the year.

Explanation of symbols and letters.—* Hardy throughout Lower South. * * Semi-tropical, not being able to withstand a lower temperature than 16 degrees Fahr. without injury. * * * Tropical, adapted only to extreme South Florida and California, or for greenhouse culture. E. Evergreen. D. Deciduous. S. Shrub, or small plant. T. Tree. V. Vine.

ACACIA farnesiana. * * E. T. Popinac or **Opopanax.** The fragrant flowers used for perfumery. 15c, \$1.50 per doz.

A. scorpioides. * * E. T. Gum-Arabic Acacia. 35c.

ADENANTHERA pavonina. * * * E. T. The **Circassian Bean.** A beautiful tree with pinnate leaves. Makes a fine shade tree for street or lawn. Nice pot-plants, 25c, \$2.50 per doz.

AGAVE sisalana. * * * E. S. The **Sisal Hemp.** A very valuable fibre plant from Yucatan. Should be grown on large scale for fibre on cheap frostless lands. Large quantities priced on application. As a decorative plant we offer strong stock 12 to 18 inches high at 25c, \$2.50 per doz. Smaller at 10c, \$1.00 per doz. \$4.00 per 100.

ALEURITES moluccana. * * * E. T. The tropical **Candle Nut.** A vigorous tree of rapid growth, making a dense shade. 35c, \$3.50 per doz.

AMOMUM cardamomum. * * E. S. The **Cardamon Plant,** which produces the Cardamon seeds. Thick leathery leaves, scented, useful as a decorative plant. 25c.

BICHEA acuminata (Kola acuminata). * * * E. T. The **Kola Nut Tree,** furnishing the Kola of commerce. 50c.

BIKA orellana. * * * E. S. The **Annato plant,** famous for its orange-red dye. It makes an ornamental shrub, with pink flowers and brilliant red seed pods. 25c, \$2.50 per doz. Extra large, 50c.



View in one of our Slat Houses. All Plants are Potted.

Royal Palm Nurseries, Oneco, Florida.

CAESALPINIA coriaria. * * * **E. T.** The **Divi-Divi**, from west shore of Central America. Regarded as producing the most powerful and quickly acting tanning material known. 35c, \$3.50 per doz.

C. sappan. * * * **E. T.** An East Indian tree; pinnate leaves; flowers yellow; furnishes Sappan wood and dye. 1 yr. 25c, \$2.50 per doz.

C. sepiaria. * * * **E. T.** A large climbing prickly bush with bright yellow flowers. Bark is used for tanning and wood for dye. Can be used for hedges. 25c.

CANANGA odorata. * * * **E. T.** The world-famous **Ylang Ylang** from the Philippines. The flowers are very highly perfumed. \$1.50.

CASTILLA elastica. * * * **E. T.** The famed **Rubber Tree of Mexico**. Perhaps the best rubber-producer for large plantations. We have a nice stock of pot-grown trees. 35c, \$3.50 per doz.

CEDRELA odorata. * * * **E. T.** **Cedar of Jamaica and South America**, where it furnishes most valuable lumber. Makes a fine shade tree of quick growth. 25c, \$2.50 per doz.

CEIBA pentandra. (Eriodendron anfractuosum.) * * * **D. T.** **Silk-Cotton** or **Ceiba** tree of the West Indies. A large tree with buttressed trunk. Seed capsules filled with silky material. Of very quick growth. Valuable as shade. 35c, \$3.50 per doz.

CINNAMOMUM camphora. * **E. T.** The **Camphor Tree**. Exceedingly valuable for Florida and the Gulf Coast for gum production and shade. Grows well on light, sandy soil. For gum production set preferably 6 to 8 ft. apart in rows 12 to 15 feet apart. The twigs are sheared twice or more yearly for distillation. Trees are usually

of sufficient size to begin shearing at 4 years of age when in open field. This tree is also a suitable subject for hedges, and quickly forms a dense fence when properly grown and sheared. Set 15 to 18 inches apart. Fine pot-grown plants, 1 yr. 10c, \$1.00 per doz., \$7.00 per 100; 2 yr., 25c, \$2.50 per doz., \$18.00 per 100; 3 yr. 35c, \$3.50 per doz., \$25.00 per 100. Heavy stock from open ground which transplants well if severely cut back when dug, at following prices: 2 to 3 ft., bushy, 30c, \$3.00 per doz., \$22.00 per 100; 3 to 4 ft., very stocky and bushy, 50c, \$5.00 per doz.; \$38.00 per 100; 4 to 5 ft. 75c, \$7.50 per doz.; 5 to 7 ft., \$1.00.

C. cassia. * **E. T.** **Chinese Cinnamon, or Cassia Lignea.** Much like camphor, but has narrower leaves; is a magnificent shelter tree, very dense and of quick growth. Furnishes a cheap Cinnamon bark (not the true article), cassia buds, cassia oil, etc. Very valuable for Florida. Fine pot-grown stock. 2 yr. 15c, \$1.50 per doz.; 3 yr. 25c, \$2.50 per doz.; 4 yr. 50c, \$5.00 per doz. From open ground, 2 to 3 feet, 40c, \$4.00 per doz.

COFFEA arabica. * * * **E. T.** **Arabian or Commercial Coffee.** Our stock is grown from the Blue Mountain strain of Jamaica. A fine decorative plant; handsome foliage, resembling the chestnut; flowers white like Jessamine. 2 yr., 25c, \$2.50 per doz.; large at 50c, \$5.00 per doz.

C. liberica. * * * **E. T.** **Liberian Coffee.** This has large glossy leaves; very handsome. Coffee strong and rich. Pot-grown, 2 yr. 25c, \$2.50 per doz. Large trees 75c and \$1.00.

C. robusta. * * * **E. T.** A wonderful improvement over *C. arabica* in point of vigor, prolific fruiting and freedom from diseases. 1 yr. 15c, \$1.50 per doz.



Chinese Cinnamon Trees, with a pair of stately *Acrocomia totai*, near our Packing House.

Royal Palm Nurseries, Oneco, Florida

C. zanzibarensis. * * * **E. S.** A new and rare species. Leaves very small. 35c to 75c.

COLOCASIA sp. * * **S. Dasheen of Trinidad,** etc. A splendid food plant (like potatoes) growing in wet rich soil of Florida to perfection. 10c, \$1.00 per doz.

CRESCENTIA cujete. * * * **E. T. Calabash Tree,** of the West Indies, from the warty fruits of which are made bottles, dippers, etc. A large tree with curious foliage. 25c, \$2.50 per doz.

CYMBOPOGON citratus. * * **S.** The **Lemon Grass of India,** which furnishes oil of citronella. Makes clumps five feet high, and is a money-maker on South Florida lands. Write for price on large quantity. 10c, \$1.00 per doz.

ERYTHROXYLON coca. * * * **E. S.** This furnishes the famous coca leaves, chewed by natives of South America for stimulation, and the extract now used everywhere. 50c.

EUCALYPTUS. * * **E. T.** A valuable genus of forest trees now in the public eye, being exploited for timber-growing in California. Some species do fairly well in South Florida, especially on rolling or hilly, well-drained land as free from frost as may be found. Some specimens are growing well on flat woods soil. For forests set 6 to 12 ft. each way. We offer some of the very best species adapted to Florida conditions, all plants of which are pot-grown, and may be set out when weather conditions suit, especially in summer.

E. citriodora. The **Lemon Gum.** A species with very highly scented foliage. 25c, \$2.50 per doz.

E. resinifera. The **Red or Forest Mahogany.** This is particularly hardy, having stood a temperature of 20 degrees without injury, and is one of the best for South Florida. Young stock 15c, \$1.50 per doz.

E. robusta. "Swamp Mahogany." This seems of unusual merit here, especially as a shade tree, as its spreading habit and broader leaves cast more shade than most species. 15c, \$1.50 per doz. Extra strong, 25c.

E. rostrata. "Red Gum." This is found in more places than any other Eucalypt in Florida, and the largest Eucalypt in the State is growing near Oneco. It is unusually hardy. 15c, \$1.50 per doz.

E. rudis. The **Flooded Gum.** This may be planted on low, wet lands, subject to inundation, and promises to be fairly hardy. 15c, \$1.50 per doz.

E. tereticornis. The **Gray Gum.** One tree of this species has made the most rapid diameter growth of any Eucalypt measured in Florida by the experts of the Forestry Bureau, and is a very valuable sort to plant in South Florida. 15c, \$1.50 per doz. Extra strong, 25c.

E. viminalis. The **Manna Gum.** This has proved to be the most hardy Eucalypt so far planted in Florida, and may safely be grown where the orange tree is cultivated. Prefers dry soil. 15c, \$1.50 per doz. Extra strong, \$2.5c.

FIGUS elastica. * * * **E. T.** The **Indian Rubber Tree.** A valuable rubber producer. The tree is largely used when small as a house plant, and in South Florida attains great size and beauty. Beautiful plants. Pot grown, 1 ft. 40c; 18 inches 60c; 2 ft. 75c.

GELSEMIUM sempervirens. * **E. V.** The **Carolina Yellow Jessamine.** A valuable medicinal plant, and splendid winter-flowering vine. Beautiful, yellow, bell-shaped flowers, exquisitely perfumed. 1 yr. 15c, \$1.50 per doz.

HEMATOXYLON campechianum. * * * **E. T.** The **Log-wood Tree** of Mexico. A beautiful tree with delicate foliage, of slow growth. 25c, \$2.50 per doz.

HYMENAEA courbaril. * * * **E. T.** The **Algaroba Tree** of Panama. 50c.

INGA laurina. * * * **E. T.** Guama of Porto Rico, etc. Medium sized tree suitable for street planting and for shading cacao, coffee and other tropical crops. 2 yr., 50c.

LAWSONIA inermis. * * **E. S.** The famous **Henna Bush** of the Orient. Also known as the **Camphire of Solomon.** Aside from its use as a cosmetic, the flowers are grown for sale in Cairo and other cities. Small, white flowers in spikes, scented somewhat like the rose. 2 yr. 25c, \$2.50 per doz.

L. rubra. Newly introduced by us. Nice plants 25c, \$2.50 per doz.

MARANTA arundinacea. * **D. S.** Bermuda **Arrow-root plant.** Easily grown, the roots should be produced in Florida more largely. 10c, \$1.00 per doz.

MORINDA citrifolia. * * * **E. T.** From Madras, India. The root and bark furnish a red dye. 25c, \$2.50 per doz.

MORINGA oleifera. * * * **E. T.** The **Horse-Radish tree.** 25c.

MYRICA cerifera. * **E. T.** Wax **Myrtle.** A native tree, bearing slate-colored berries, which produce marketable wax. Grows in either well-drained or swampy soil. 15c to 50c.

PACOURIA capensis. * * * **E. S.** Shrub from South Africa, said to be a rubber producer, \$1.00.

PARITUM tillaceum. * * * **E. T.** (*Hibiscus tillaceus*). The **Emajagua** of Porto Rico. One of the most valuable fibre shrubs or trees of the island, furnishing a very strong bast. Leaves are dark green, simple; flowers large and showy, like the Chinese Hibiscus. 35c, 50c and 75c.

PARKIA timoriana. * * * **D. T.** Cupang of the Philippines. A large ornamental tree with feathery foliage and large pods, which are fed to cattle. Seeds used as a substitute for coffee. New. \$1.00.

PITHECOLOBIUM dulce. (Inga). * * * **E. T.** A handsome small tree. The sweet pulp of the seed pods is a brilliant orange color, edible and wholesome. Very fine for shade and stands considerable cold, but not much hard freezing. 2 yr. pot-grown stock, 25c, \$2.50 per doz.; 3 yr. 35c, \$3.50 per doz.

SANSEVIERA guineensis. * * * **E. S.** African **Bow-String Hemp.** A quick-growing and valuable fibre plant. Leaves are long and sword-shaped, mottled a greenish white. This and following species are undoubtedly the toughest plants known that may be used as decorative subjects. They live in water, or dry soil, for weeks, and in dark rooms for months without attention! Fine plants 15c, \$1.50 per doz. Large and fine, 25c, \$2.50 per doz. Ask for prices on large quantities of both species.

S. zeylanica. * * * **E. S.** Ceylon **Bow-String Hemp.** As a fibre plant this has been prized from remote antiquity. A finer decorative plant even than the preceding at same prices.

SAPINDUS mukrossi. * **E. T.** The **Soap-berry tree.** Said to be the most valuable sort for Florida, and likely to be planted extensively. 15c, \$1.50 per doz. 3 yr., 25c, \$2.50 per doz.

S. saponaria. * * **E. T.** An interesting tree of the West Indies; the fatty coating over the seeds used as a soap for many years. May be commercially valuable. 3 to 6 ft., 50c.

STILLINGIA sebifera. (*Sapium sebiferum*). * **D. T.** The **Tallow Tree.** A great shade tree, resembling a poplar in foliage; which turns brilliant colors in autumn. Well worth planting as a street tree extensively in the South. The seeds are abundantly produced and are said by one of our customers to be very valuable for feeding poultry, as they are rich and healthful. We have a large stock. From open ground, 2 to 3 ft., 20c, \$2.00 per doz; 3 to 4 ft. 25c, \$2.50 per doz; 4 to 5 ft. heavy grade, 35c, \$3.50 per doz; 6-7 ft. 50c, \$5.00 per doz; 7 to 9 ft. \$1.00, \$10.00 per doz.

Royal Palm Nurseries, Oneco, Florida.

SWIETENIA mahogani. * * * **E. T.** The Mahogany Tree, famous for its fine wood. Leaves compound; flowers blue. 50c.

THEA sinensis. (Camellia thea.) * **E. S.** Tea Plant. This is now being grown commercially in the South in a few gardens. Our stock is of the Assam hybrid variety. 2 yr. 25c, \$2.50 per doz.

THEOBROMA cacao. * * * **E. T.** Chocolate tree. This furnishes cacao (or "cocoa") as well as chocolate. 35c, \$3.50 per doz.

TOLUIFERA pereirae. * * * **E. T.** The Tolu Balsam tree. This yields a valuable product, and the tree is a fine shade tree with compound leaves. 50c.

ZINGIBER officinale. The Ginger plant. May be grown like a canna during summer, dried off, and roots kept over winter in dry sand. 15c, \$1.50 per doz.

See paragraph 1, page 4, for discounts.



BAMBOOS AND GRASSES



SPECIAL NOTICE—Grasses and Bamboos may be set out any time of the year. On a large scale of planting, summer is to be preferred, or late spring in this climate. For Northern and Western locations, we should recommend the spring.

Explanation of symbols.—* Those most hardy, standing the climate as far north as Ohio or farther. * * Hardy all along the Gulf Coast, standing a temperature as low as 12 or 15 degrees without serious if any injury. * * * Tropical species, withstanding but light frosts unharmed. Roots will throw up growth, however, if tops are frozen.

The liberal planting of this class of plants creates a luxuriant and semi-tropical effect. The more hardy sorts are very effective in masses even as far north as Ohio and Pennsylvania, where they stand the winters safely. In the South they may be planted freely with perfect success. The foliage, besides being of an ornamental character, is relished by stock, and may be used as pasturage. The bamboos proper are very useful for the florist in very many ways—decoration, design work, etc.

ARUNDO donax variegata. * **Gardener's Garter.** A beautiful bamboo reed attaining a height of twelve feet, beautifully variegated with white, especially during its early growth. Makes large clumps and is useful for bedding. Has immense flower plumes. Especially hardy and may be planted all over the middle States as well as the South. Heavy roots 25c, \$2.00 per doz., \$12.00 per 100.

ARUNDINARIA metake. * (Bambusa Metake). A very broad-leaved, hardy species, rarely exceeding 10 ft. in height, very suitable for tubs as a house plant. It forms naturally large masses but may be confined to clumps effectively. Single canes, rooted, 10c, 85c per doz. Large clumps, 25c and 50c.

BAMBUSA argentea. * * A fine Japanese species reaching a possible height of 35 or 40 feet. It makes great thick clumps, and the shoots bend outward very gracefully. Foliage small. Needs a large space to show off its beauty, like all



Arundinaria metake as a House Plant.

large bamboos. Single canes rooted, 15c, \$1.25 per doz., \$8.00 per 100. Clumps 25c to \$5.00 each.

B. argentea striata. * Like the preceding, but has foliage striped with white, especially noticeable during rapid growth. Grows even larger and more vigorously than the type. Single canes, rooted, 15c, \$1.50 per doz., \$10 per 100. Clumps 25c to \$5.00.

B. alphonse karri. * * A large grower much like the preceding species, but with yellow variegated stems. 35c to 75c.

B. arundinacea (spinosa). * * * This is an East Indian sort with thorny growth along the stems and branches. It makes very graceful, gigantic clumps, 50 ft. high, with canes 3 in. thick. Can only stand light frosts. Small 25c, \$2.50 per doz. Larger 50c.

B. disticha. * * A rather dwarf bamboo reaching a height of 10 feet, and forming dense clumps. Foliage extremely small and narrow. Individual canes

Royal Palm Nurseries, Oneco, Florida.

with their foliage are effective in decorations, and may be used by the florist. Single canes, rooted, 15c, \$1.50 per doz., \$10.00 per 100. Clumps 25c to \$2.00.

B. vulgaris. * * * The common giant bamboo, grows now all through South Florida. Strong stock, 50c.

CAPRIOLA dactylon, variety. (Cynodon.) * * **St. Lucie Grass.** A fine leaved lawn grass, the favorite generally in South Florida. It grows very quickly from surface runners, but as it seldom perfects seed, must be grown from bits of sod. Clean sod, soil removed, 65c per bushel, by express only. Small lots by mail, 25c and upward.

CORTADERIA selloana. * (Gynerium.) **Silver Pampas Grass.** An immense grass growing in great clumps, with feathery plumes often two feet long. 35c.

Pink-tinted Pampas Grass. Plumes of a pale flesh pink color. 35c.

CYPERUS alternifolius. * * * **Umbrella Grass.** Long known as a graceful house plant. Certainly a beautiful subject, when well grown. 15c, \$1.50 per doz.; larger 25c, \$2.50 per doz.

C. natalensis. * * * A new introduction of ours (1914). Nice plants, 15c, \$1.50 per doz.

DENDROCALAMUS latifolius. * * A splendid broad-leaved bamboo, resembling *B. vulgaris*, reaching a large size; the only giant bamboo we have ever grown that would stand a sharp freeze. Very rare and valuable. \$2.50.

D. strictus. * * * A wonderful giant bamboo of

great beauty, having solid canes until very large, and reaching a height of 35 to 50 feet; will stand more frost than most Tropical plants and recommended for South Florida generally. A rare plant. Small, 25c, \$2.50 per doz. Large \$1.00 to \$2.00.

MISCANTHUS japonicus variegatus. * A striped foliage grass, with pretty panicles of bloom, reaching a height of 4 to 6 feet. 25c.

M. japonicus zebrinus. * **Zebra Grass.** Forms small clumps of a total height of about 6 feet; leaves striped crosswise with white. 25c.

ERIANTHUS ravennae. * A large plume grass, something like the Pampas Grass. Clumps 25c.

PANICUM molle. * * **Para Grass.** One of the greatest forage grasses for Florida and the Gulf Coast. Will grow on very indifferent soil, wet or dry, and produce wonderfully. Seldom perfects seed and is grown by plowing under the growing tops, preferably in the rainy season. Cut tops by express, 25 lbs. for 50c; 100 lbs. for \$1.50. By mail, roots at 25c per doz. Special terms for large quantity.

P. palmifolium. (P. excurrens.) * * A grand, broad-leaved grass, resembling a palm in the young state. In fact, commonly called **Palm Grass.** The leaves are 4 to 6 inches wide, gracefully recurved. Clumps grow to a height of 6 feet in a summer season. A magnificent grass for the lawn or border. A fine conservatory plant. 15c and 25c.

PHYLLOSTACHYS aurea. * (*Bambusa aurea*.) Very hardy species with underground running



Bambusa argentea striata in our Grounds.

Royal Palm Nurseries, Oneco, Florida.

stems which throw up canes irregularly. Unless confined it makes a straggling appearance. Fine for tubs or for old places; prefers a good, moist soil. Hardy to the Ohio River, at least. Attains a height of 8 to 12 feet. Single canes, rooted, 15c, \$1.50 per doz.; heavy plants, 1 to 4 stalks, 25c, \$2.50 per doz.

STENOTAPHRUM secundatum. * * * **St. Augustine Grass.** A good lawn grass. Thrives even

under shade, and will grow on almost any soil. Does not need so much water as Bermuda, or St. Lucie Grass. 40c per 100 cuttings; by express \$1.00 per bushel.

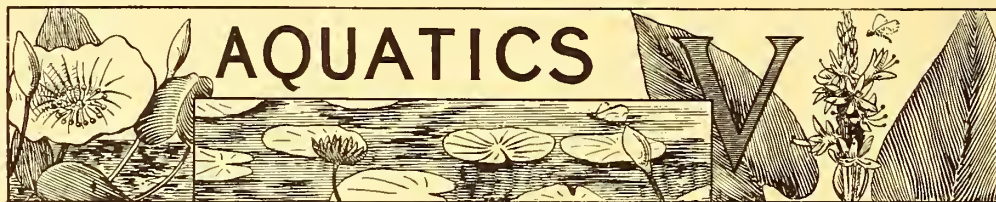
THYSANOLAENA agrostis. * * * From India. A handsome, quick-growing reed, reaching a height of 8 to 10 feet, forming a large clump. The great leaves are 2 inches broad by 18 inches long, and very attractive. \$1.00.

FOREIGN TESTIMONIALS.

South Sea Islands: Papeete, Tahiti, April, 1914.—"Have received caladiums, palms and mango trees in fine condition; all except the *Thrinax barbadensis*, which was the weakest, are just as nice as if they had never travelled. Will soon send another order."
ALEX. DROLLET.

South America: Calilegua, Argentina, Feb., 1914.—"The Citrus trees arrived in fair condition with exception of Dancy Tangerines, only one of which is alive. All the others have started into growth."
ROBT. SMITH,
Leach's Argentine Estates.

Cuba: San Pedro, Isle of Pines, March, 1914.—"I received your shipment of plants in fine shape. Have planted them, and they seem to be doing nicely. It may be of interest to you to state that of the 35 roses (assorted), 33 are in growth and looking thrifty."
E. L. McCUNE.



SPECIAL NOTICE—The best time to plant Aquatics is during warm spring weather or summer. *Nymphaeas* may be planted along the edges of ponds or streams in not over a foot of water, and manure can be dug into the soil with advantage. You can not make soil too rich. For tubs use very rich soil and manure, with gravel or sand on top, to keep the water clean.

Explanation of symbols and letters. * Specially adapted for aquariums, or for growth in restricted places. * * Large, showy species. **H.** Hardy where the roots are kept below ice; some species with no protection. **T.** Tropical species, easily grown anywhere during summer. **S. T.** Sub-Tropical.

The species of *Caladium*, *Alocasia*, *Musa*, *Maranta*, *Hedyohium*, *Heliconia*, *Amomum*, *Zingiber*, *Iris*, *Canna*, and others, can be grown with good effect in the low, moist ground surrounding lakes and ponds, and in similar damp locations.

CYPERUS alternifolius and **C. natalensis**; see Department IV.

C. papyrus. * * **T.** (*Papyrus antiquorum*.) **Egyptian Paper Reed**, or **Moses Bulrush**. The triangular stalks support a large tuft of long, thread-like leaves; exceedingly graceful. Forms large clumps 4 to 7 feet high in rich soil. 25c, \$2.50 per doz.

LIMNOBIUM spongium. * **T.** A small native plant with floating leaves, which are filled with large air cells, of peculiar construction. 10c, \$1.00 per doz.

LIMNOCHARIS flava. * **T.** (*L. Humboldtii*.) The **Water Poppy**. Floating leaves and bright yellow flowers, 2 to 3 inches wide, very freely produced. A gem. 10c, \$1.00 per doz.

L. plumieri. * **T.** An erect plant with pale yellow flowers of small size. 10c.

MYRIOPHYLLUM proserpinacoides. * **T.** **Parrot's Feather** or **Milfoil**. An elegant trailing plant, the stems covered with whorls of very delicate foliage, especially suitable for vases in fountains, etc. 10c, 50c per doz.

NELUMBO. * * **H.** (*Nelumbium*.) A splendid genus of aquatics with very ornamental foliage, which stand well out of the water, and in late summer are surmounted with the magnificent

flowers, more or less fragrant. They are all fine for tubs, and hardy where the roots are not frozen.

N. nucifera kermisium. The earliest flowering variety, with rose-pink flowers; quite distinct. \$1.50.

N. lutea. **American Lotus**, or **Water Chinquapin**. Yellow flowers. Fine. \$1.00.

N. pekinensis rubrum. The best dark-colored variety; flowers of a rosy carmine, very large and handsome. \$4.00.

N. shiroman. The grandest sort of all, with enormous snow-white flowers, exceedingly double and free-blooming. \$3.00.

N. nelumbo. The **Egyptian Lotus**. Flowers pink, creamy-white at base of petals. Fragrant. This is the best known species. \$1.50.

NYMPHAEA. (*Castalia*.) The **Water Lily** or **Pond Lily**. The most desirable genus of all aquatics, comprising a great variety of species, with flowers of all colors, richly scented and lasting well when cut. Those in the **day-blooming group** are as follows:

N. mariacea rosea. * * **H.** A vigorous, hardy, sort, with flowers of a soft pink color. Blooms all summer. \$1.00.

Royal Palm Nurseries, Oneco, Florida.

N. mariacea chromatella. * * **H.** A favorite bright yellow species of easy growth. Flowers 4 to 6 inches across. 75c.

N. mexicana. **H.** (No. flava.) A small flower, pale yellow in color, native in South Florida. 35c, \$3.50 per doz.

N. odorata. * * **H.** The native white pond lily, with large leaves and dazzling white flowers, 3 to 5 inches across. 20c, \$2.00 per doz.

N. odorata maxima (tuberosa maxima). * * **H.** The flowers are cup-shaped, pure white with a strong aromatic fragrance. 25c, \$2.50 per doz.

N. odorata minor. * * **H.** A miniature form, with flower but 2 or 3 inches across. A fine subject for tubs. 25c, \$2.50 per doz.

N. odorata richardsoni. * * **H.** A very double flower like a giant snowball, being a perfect globe. Always much admired. 50c.

N. odorata rosea. * * **H.** A free-blooming deep pink species; highly desirable. 50c.

N. odorata sulphurea. * * **H.** Very fragrant sulphur-yellow flowers, 4 to 5 inches across. 75c.

N. W. B. Shaw. One of the best hardy water lilies of the odorata section. Flowers a rich rose pink with yellow stamens. \$1.00.

N. Wm. Doogue. A grand lily of chaste and delicate coloring; flowers 5 to 6 inches across, cup-shaped and of a shell-pink color, with royal pink sepals. \$1.25.

N. pulcherrima. * * **T.** Giant flowers often 9 inches across, light blue with yellow stamens. Continuous bloomer. \$2.00.

N. Mrs. C. W. Ward. **T.** One of the very finest of the tender day bloomers. The flowers are a deep rose-pink on long stems. Very free flowering. \$2.00.

N. Grossherzog Ernst Ludwig. **T.** A grand new introduction; a most profuse bloomer; flowers violet blue, with yellow center (blue and gold combination) on stems 12 to 18 inches above the water. \$2.50.

N. zanzibarensis azurea. * * **T.** A superb blue flower, sometimes 6 to 10 inches across, highly fragrant. 75c.

N. zanzibarensis rosea. * * **T.** Similar to above except in color, which is pink in varying shades. 75c.

Night Blooming Species:

N. lotus (dentata). * * **T.** A grand pure white flower, 8 to 12 inches across, petals opening out very flat. 75c.

N. rubra (devoniensis). * * **T.** An early hybrid with leaves sometimes 18 inches across; flowers 6 to 10 inches; color pure red, very rich. 75c.

N. Geo. Huster. Flowers a brilliant crimson, freely produced. \$2.00.

N. kewensis. **T.** A beautiful companion for *N. devoniensis*; flowers of a light pink color, freely produced. Flowers 6 to 8 inches across. \$1.50.

PELTANDRA virginica. * **S. T. Arrow Arum.** Arrow-leaved plant growing about a foot high. 25c.

PIAROPUS azurea. * **T.** (Eichhornia). The **Blue Creeping Water Hyacinth.** A fine plant, never likely to be a nuisance in Southern waters as is the following species. 15c, \$1.50 per doz.

P. crassipes. * **T.** The famous **Water Hyacinth.** A beautiful floating plant with very bright flowers in spikes, lilac, blue and yellow; 2 inches across. Will grow in clear water in the house admirably. A valuable forage plant for cattle; will grow in ponds and streams all along the Gulf Coast. Special prices for large quantities. 10c, 75c per doz.

P. martiana. * **T.** A choice plant, requiring good soil, not necessarily under water, but very wet. Spikes of small deep blue flowers. 15c, \$1.50 per doz.

PISTIA stratiotes. * **S. T. Water Lettuce.** A pretty, floating plant, sometimes 6 to 8 inches across the rosette of velvety leaves. 10c, 85c per doz.

PONTERDERIA cordata. * * **H.** "Pickerel Weed." A free-flowering native plant, growing from 2 to 3 ft. high. Leaves broad, cordate and rank, flowers in spikes, very closely set, deep blue. 15c, \$1.50 per doz.

SAGITTARIA montevidensis. * * **T.** The **Giant Arrow Head.** Broad arrow-shaped leaves; white flowers in spikes. 25c.

S. lancifolia. * * **T.** A rapid grower with broadly linear to elliptic leaves and tall spikes of white flowers. 15c, \$1.50 per doz.

THALIA divaricata. * * **S. T.** A magnificent native, ornamental bog plant, which may be grown at the North as easily as a canna. The enormous leaves, with red midribs, resemble the banana, and are 2 to 4 feet long. Flowers purplish, borne high on stems 6 to 10 feet tall. 15c, \$1.50 per doz.

TYPHA latifolia. * * **H.** **Cat-Tail Flag.** A very decorative bog plant well known everywhere. 15c, \$1.00 per doz.

TESTIMONIALS FROM THE SOUTH.

Warrenton, Ga., Apr., 1914.—"The plants reached me in fine condition. They were so well packed they could have gone a much greater distance without injury."
Mrs. W. F. WILHOIT.

Beeville, Texas, March, 1914.—"The plants came yesterday, and finer for the price I never saw, especially the Caladiums. Thanks for such promptness."
Mrs. JULIA HUTCHINSON.

Baton Rouge, La., March, 1914.—"The shipment of plants received O. K. order. Many thanks for extra W. W. GRISAMORE.
Supt. University Grounds.

Roanoke, Virginia, May, 1914.—"Your letter and my plants were received yesterday. I am so delighted at the size of them. A Phoenix and a fern that size here would cost \$7.00 (they cost Mrs. Baldwin \$3.30!). I thank you so much for sending such nice plants, and especially for the extra palm, which is lovely. Your plants are so beautifully packed, not a leaf withered."
Mrs. W. D. BALDWIN.

Sweet-Briar, Va., May, 1914.—"For nearly fifty years I have been a collector of Ferns, etc., in England, Canada or the U. S., getting them from all over the world, and I know something about plants in consequence. But in all my experience I never got a case weighing one hundred pounds in which something was not wrong until I got yours yesterday! The plants arrived after 800 miles of Railway transportation, simply in perfect condition—so beautifully packed and frankly six times as large as I expected. Kindly hold the small balance, for I certainly shall not try anywhere else for anything you have that I may want. If this letter is of any use to you please use it, for I am not ashamed of my name attached to the truth."

Dr. GEO. E. WALKER.

Royal Palm Nurseries Oneco, Florida



CONIFERS



SPECIAL NOTICE—All are pot-grown except some *Thuyas* in open ground as noted and all may be set out at any time of year.

All the following Coniferous Evergreens are entirely hardy in Florida and the Lower South, except *Araucaria excelsa* and *Casuarina equisetifolia*. This may be grown out doors in South Florida, in protected places, south of Orlando and Tampa. Our conifers are carefully grown, having plenty of space allowed for proper development, and are healthy and vigorous. Write for special rates for stock in quantity.

ARAUCARIA bidwellii. *Bunya-Bunya Pine* of Australia. A grand tree of symmetrical growth with branches from the ground up. Reaches enormous size and does well in South Florida, standing severe frost. Fine plants \$2.50 to \$5.00.

A. excelsa. The "*Norfolk Island Pine*." A grand decorative subject both for pots when small, and open air in the Tropics. Will stand but little frost. 10 to 15 inches high, \$1.00.

A. excelsa glauca. Foliage of delicate silvery color, sometimes bluish; very beautiful. 12 to 18 inches high. \$2.00.

CALLITRIS verrucosa. (*C. robusta*.) The *Cypress-Pine* of Australia. A splendid tree for poor sandy ridges in Florida, growing thriftily where the spruce pine is native. Resembles a "cedar" with fine foliage, and low dense growth, tapering up in true cone shape. Nice young stock, 35c. \$3.50 per doz.

CASUARINA equisetifolia. The "*Australian Pine*," or *Beef Wood*. Used very extensively in extreme South Florida as a street tree, and for wind-breaks. 25c, \$2.50 per doz.

CEDRUS deodara. The *Deodar* or *Great Cedar* of the Himalayas. Foliage somewhat like a pine, blue-green. Prefers a clay sub-soil and perfect drainage. 2 yr. old 25c, \$2.50 per doz. Larger, 50c, \$5.00 per doz.

CHAMAECEYPARIS lawsoniana. A very choice California tree allied to *Cupressus*, with drooping branches, and silvery-green foliage; quite dense in growth. 25c and 50c.

CUPRESSUS. The *Cypress*. A genus of most beautiful trees, varying in size, but all we offer are very desirable species. They do well in Florida and are highly recommended.

C. goveniana. Reaches a height of 50 feet, with a broad pyramidal head. \$1.00 to \$2.00.

C. lusitanica. The *Cedar of Goa*, from Portugal. Very handsome, with spreading branches. Foliage glaucous. Grows very fast, even on poor, sandy land. Strong stock, 75c and \$1.00.

C. sempervirens pyramidalis. Common *Cypress* of Western Asia and Southern Europe. The type is **very slender**, but the form *pyramidalis* is more cone-shaped, broad at the ground and tapering up, more or less slenderly. We have a splendid stock of these trees, which are a success over the entire South. 12 to 18 inches, 25c, \$2.50 per doz.; 18 to 24 in., 35c, \$3.50 per doz.; 24 to 30 in., 50c, \$5.00 per doz.

JUNIPERUS barbadensis. Our native "*Red Cedar*," now extensively cut out for pencil timber. A splendid dense tree, very useful for planting in varied places, but especially so near salt water. 25c, \$2.50 per doz.

PINUS canariensis. The *Canary Island Pine*. A very beauti-



Thuya orientalis compacta in our Grounds.

Royal Palm Nurseries, Oneco, Florida.

ful pine with attractive light-colored needles. 2 yr., 25c, \$2.50 per doz.

P. excelsa. The *Lofty* or *Botan Pine*, from the Himalayas. Leaves fine, long and frequently blue-green. 50c.

P. halepensis. The *Aleppo* or *Jerusalem Pine*. The most common pine of Palestine, a low, spreading tree, 20 to 30 ft. high; its resin is used to preserve wine. 2 yr. 15c, \$1.50 per doz. Larger, 25c, \$2.50 per doz.

P. massoniana. *Japan Pine*. This reaches a height of 50 feet and furnishes excellent lumber of a deep red color. 1 yr., 15c, \$1.50 per doz.

P. palustris. Our native *Long Leaved* pine, a very beautiful tree when well grown. The small trees are fine as house plants, grown in pots or tubs. Nice little plants. 1 yr. 10c; \$1.00 per doz.

TAXODIUM imbricarium. One of the two native *Southern Cypress*s. A great timber tree; it is also a beautiful ornamental tree when well grown. Strong trees, 35c, 50c and 75c.

THUYA (or Biotia). This well known genus contains some choice species for Florida and the South. They grow on any fairly well-drained land, and are all especially suitable for forming hedges.

T. occidentalis. *American Arborvitae*. A large

bush or small tree, admirable for hedges. Foliage flat and very dense, highly odorous. Strong stock 50c.

T. orientalis. *Chinese Arborvitae*. A slender tree, with flat foliage, rather open in its natural state, but very suitable for hedges, as by shearing it gets to be very dense. Strong stock, transplanted in open ground, as follows: 10-15 inches high, 15c, \$1.50 per doz., \$10.00 per 100; 15-18 inches high, 30c, \$3.00 per doz., \$20.00 per 100; 2 to 3 ft. 35c, \$3.50 per doz.; 3 to 4 ft. 50c, \$5.00 per doz.; 4 to 6 ft., 75c.

T. orientalis compacta. Conical in form, exceedingly dense and regular. A fine dwarf species, suitable for cemetery, park and general planting in many ways. Open ground stock, 6 to 8 inches high, 20c, \$2.00 per doz., \$15.00 per 100; 8 to 10 inches high, 30c, \$3.00 per doz., \$20.00 per 100; 10 to 15 inches high, 40c, \$4.00 per doz.

T. orientalis aurea nana. The best golden-tipped form yet produced. Of a rich golden color, which is very attractive. Small pot plants 25c.

T. "Rosedale Hybrid." A very unique and handsome dwarf species, with dark green, sometimes glaucous, sometimes bronze, foliage, of dense habit and conical shape. Pot-grown, 6 to 8 inches high, 25c, \$2.50 per doz., \$18.00 per 100; 10 to 12 inches high, 35c, \$3.50 per doz.; 12 to 15 inches high, 50c, \$5.00 per doz.



Palms and Cycads



SPECIAL NOTICE—Palms are all pot or tub-grown and may be shipped any time of year. For Florida planting summer is the best season.

Explanation of symbols.—* Those hardy enough to grow outdoors along the Gulf coast or Southern California, etc., or in a temperature not lower than 15 degrees Fahr. * * Those less hardy, being able to stand ordinarily a temperature of 26 degrees Fahr. * * * Tropical species not being able to stand anything beyond a faint frost. **D.** Especially recommended for cultivation in greenhouses or for house decoration, although all sorts named may be thus grown if given suitable temperature.

All measurements are taken in natural position, above the pots.

Palms form one of our specialties, and we grow thousands of plants. They are kept growing in pots, enabling them to be moved or transplanted at any time without trouble. We use no heat except for a few of the most tender tropical sorts, during a few days of winter, and consequently our plants are in fit condition to be shipped every day in the year, and are healthy and stocky. For outdoor planting, we recommend their being set in spring or summer, so that they may be established before cooler weather. No class of plants makes such a tropical and elegant display as palms. Make the soil very rich. A plant in open ground when once established cannot be fertilized too heavily. Where dry, mulching and watering must be attended to in their earlier stages; later, they can take care of themselves. In the autumn, in semi-tropical climates, Palms should not be cultivated so late as to cause rank growth in winter. In fertilizing, use considerable sulphate of potash, which will help palms harden their growth, and thus put them in good condition to stand freezing weather; if too much nitrogenous manure is used it causes a sappy growth liable to be damaged by cold.

For culture in pots, see that the soil is rich, but not enriched too heavily, and that drainage is perfect. Do not try to grow a small plant in an extremely large pot. As a general rule, use 4-inch pots for plants 10 to 15 inches high; 6-inch pots for plants 20 to 24 inches high, etc., and always in such sizes that the roots will have plenty of soil, without its turning sour. Cover the drainage holes with broken pottery or small stones or similar material, to keep the soil from dropping through and to keep the waterways open. Palms in the house need some sunshine, and will do best with the morning and afternoon sunlight every day, only avoiding the heat of noon. They will exist and live for years with but little light, but are not healthy, nor will they grow fast. An even, rather high temperature suits them best, without drafts of air. The hardier sorts will be able to stand a temperature of 60 degrees and do very well, but below this they will not make much growth. Even an occasional drop of 45 degrees will not kill them, but they would prefer 70 degrees most of the time. In summer, Palms will appreciate plunging in the ground to the tops of the pots, in a half shady, moist situation. Sponge the leaves occasionally to keep them clean and free from insects.

Royal Palm Nurseries, Oneco, Florida.

ACANTHORIZA aculeata. Pinnate-leaved palm from Central America, of small size. \$1.00.

ACROCOMIA sclerocarpa. * * * The Groo-Groo palm of Trinidad. Tall, pinnate and spiny. Young plants 50c, \$5.00 per doz.; larger at 75c and \$1.00.

A. totali. * * A quick-growing, hardy pinnate palm, of large size; trunk 10 to 15 inches thick, covered with stout spines. Exceedingly ornamental. Nice plants, but not characterized, \$1.00, \$1.50 per doz.

AECHONTOPHOENIX alexandrae. (Ptychosperma alexandrae). * * * **D.** A beautiful, smooth, pinnate-leaved palm, resembling the Seaforthia, but the pinnae are finer, with under surfaces of a silver color. Small plants 15c, \$1.50 per doz.; strong plants, not characterized, 25c, \$2.50 per doz.; beginning character, 50c; larger at \$1.00, \$1.50 and \$2.00.

ARECA aliciae. * * * A rare species from North Australia, of small size. Small 25c, \$2.50 per doz.; larger, 50c, \$5.00 per doz.

A. lutescens. See *Chrysalidocarpus*.

A. triandra. * * * An Indian species having leaves from 3 to 6 feet long, and reaching a height of 20 feet. Of quick growth. Strong plants up to 4 feet high from 25c to \$1.00.

ATTALEA spectabilis. Grand palm of Central America; pinnate, \$1.50.

BACTRIS aurantiaca. * * * Pinnate Palm from Mexico; dwarf and spiny, but beautiful. Elegant plants with character. \$1.00 to \$3.00.

CARYOTA urens. * * * **D.** Fishtail or Toddy Palm. A splendid palm with peculiar bi-pinnate leaves; exceedingly ornamental either in a pot or when growing outdoors. Is of quick growth, and has a trunk from 10 to 15 inches thick. 25c, \$2.50 per doz.; larger with partial character, 50c; specimens, \$1.00 to \$2.00.

CHAMAEDOREA glaucifolia (?). * * * **D.** A new palm from Guatemala, pinnate-leaved, of slender, quick growth. With character, 3 to 4 ft., \$1.50.

C. multicaulis. * * * **D.** A very neat palm with

small leaves; good value for decorative purposes. With character, 35c, 50c and 75c.

CHAMAEROPS humilis. * The native fan palm of Southern Europe. Grows about 5 ft. high. Exceedingly hardy. 2 yr. old plants, 25c, \$2.50 per doz.

CHRYSLIDOCARPUS lutescens. * * * **D.** (*Areca lutescens*.) A favorite for the greenhouse and home. Grows bushy and has elegant pinnate leaves nicely recurved. Nice young stock (partial character) 15c and 25c. Decorative specimens 50c; about 2 ft. high, \$1.00; about 2½ or 3 ft., \$2.00; about 3½ ft., \$3.00; about 5 ft., \$5.00.

COCOS. A very large genus of pinnate-leaved palms, mainly from South America, containing both tropical and hardy species. The hardy trees are especially desirable for Florida and the Gulf Coast for planting out on lawns and avenues.

C. alphonsei. * This belongs to the *C. australis* type, is hardy and vigorous; leaves gray-green; fruit edible. 25c, \$2.50 per doz.; stronger, 35c.

C. australis. * Very hardy, slow growing; leaves bluish-green. A small tree said to reach 30 ft. 25c, \$2.50 per doz.

C. bonneti. * **D.** Quite hardy, gray-green in color unless in deep shade, and very desirable for either pots or open ground culture. This is a beautiful palm. Strong, no character, 25c, \$2.50 per doz. Forming character, 50c to \$1.00; strong stock in 6-inch pots, 2 to 2½ ft. high, \$2.00; extra large, \$2.50 and \$3.00.

C. campestris. * Similar to *C. bonneti* in general appearance. 25c and 50c.

C. datil. * A very hardy and vigorous species of the *C. australis* type, with gray-green leaves. Reaches a larger size than *C. alphonsei*, and is very ornamental. 15c, \$1.50 per doz. Stronger, 35c, \$3.50 per doz., and 50c.

C. eriospatha. * A larger palm of the *australis* type; very hardy and beautiful. Young plants 25c, \$2.50 per doz.; stronger 35c, 50c and 75c.

C. plumosa. * * **D.** A perfectly magnificent palm, resembling a Royal Palm, but of slightly smaller size (reaching a height of 50 feet or more), with great plummy leaves from 10 to 15 feet long, dark shining green. Our best palm for street planting. Nice young stock about a foot high, 40c, \$4.00 per doz.; larger plants, 75c.

C. nucifera. * * * The Coconut Palm. Strong plants 50c, \$5.00 per doz.

C. weddelliana. * * * **D.** A very dwarf elegant pot palm, used largely with ferns in ferneries and dishes. Nice plants, fully characterized, 25c, \$2.50 per doz. Larger specimens, \$1.50.

C. yatay. * A very hardy species similar to *C. australis*. With character, \$1.00, \$2.00 and \$3.00.

CORYPHA australis (?). **D.** A fan palm with dark green leaves and thorny stems. A strong plant, \$1.00.

CYCAS revoluta. * **D.** "Sago-Palm." A beautiful semi-dwarf plant resembling a palm, with a dense crown of elegant symmetrical pinnate leaves recurving from the cen-



View in Glass House No. 3, showing *Chrysalidocarpus lutescens*.

Royal Palm Nurseries, Oneco, Florida.

ter. Quite hardy in Florida, and along the Gulf Coast, it succeeds generally with slight attention, and does not need irrigation after being planted six months. For culture in the house be sure to give it a very light, sunny exposure, especially during spring and early summer while it is making its rapid growth. Small plants 2 yrs. old, 25c, \$2.50 per doz. Imported plants, quite heavy, 75c, \$1.00, \$2.00, \$3.00 and \$4.00.

DICTYOSPERMA album. * * * **D.** A slender pinnate palm of quick growth. The pinnae are broad and the whole plant of interest and beauty. Strong young stock, 25c, \$2.50 per doz.; from 18 to 24 inches high, 50c \$5.00 per doz.

D. rubrum. * * * **D.** Commonly listed as *Areca rubra*. A fine pinnate palm requiring same culture as *Chrysalidocarpus lutescens*. Leaves finely tinted with red when young. Fine for planting out in extreme South Florida and the Tropics. Small plants, 15c, \$1.50 per doz.; larger 25c, 75c, \$1.00 and \$1.50.

DYPSIS madagascariensis. * * * **D.** A dwarf and slender pinnate-leaved palm comparatively rare. Small plants, 15c and 25c. With character, 50c, 75c, and \$1.00.

ELAEIS guineensis. * * * **D.** The famous **Oil Palm** of the Guinea coast. A splendid pinnate palm. From 50c to \$1.00.

HOWEA forsteriana. (Kentia). * * * **D.** A pinnate-leaved palm, semi-dwarf in size, and of slow growth. Largely used in the North for house decoration. Nice plants with character, a foot high, 50c; little specimens, 2 to 2½ ft. high, \$2; fine plants, 3 to 3½ ft. high, \$5. Bushy specimens in the largest size, \$6.50.

HYDRIASTELE wendlandiana. * * * **D.** Usually catalogued as *Kentia Wendlandii*. A rare pinnate palm, with slender trunk, 2 to 4 inches in diameter, of vigorous growth, 25c, \$2.50 per doz.; stronger stock, 15 to 18 inches high, 50c, \$5.00 per doz.; 2 ft. high, \$1.00. Larger \$1.50 and \$2.00.

HYOPHORBE amaricaulis. * * * **D.** A rare palm from Mauritius. Small plants, \$1.00.

H. verschaffeltii. * * * **D.** A middle-sized palm allied to *Areca* and requiring same culture. Pinnate leaves from 4 to 6 feet long, the midribs striped with orange yellow on under side. A fine plant, 2 yr. old 35c, \$3.50 per doz.; extra strong 50c, \$5.00 per doz.; large specimens, \$1.00, \$2.00 and \$5.00.

LATANIA borbonica. * * **D.** The well-known **Chinese Fan Palm**. Formerly more widely used as a house palm than any other kind. It is a hardy, rather slow-growing plant, with broad leaves, usually of a drooping habit. Makes a fine decorative plant for either indoors or open air in the extreme South, where it forms trees with trunks 6 to 8 inches in diameter. A very pleasing palm for lining along drives or avenues in South

Florida. A fine stock at following rates: Small 15c, \$1.50 per doz.; strong, from 4-inch pots, 25c; from 6-inch pots, 75c; extra large specimens, \$1.00, \$1.50, \$2.00 and \$3.50.

L. commersonii. * * * **D.** Very rare species with large circular leaves, margined with red band. Leaf stems long and smooth, deep brown-red. Trunk slender; height of tree 7 to 10 feet. Young stock, \$3.00.

L. loddigesii. (glaucophylla.) * * * **D.** A rare species with deeply divided glaucous leaves, tinged red. A magnificent palm, which should be in every choice collection, as the massive, reddish leaves are absolutely different from any other palm. Does well in extreme South Florida outdoors. Strong stock \$1.00 and \$2.00.

L. verschaffeltii. * * * **D.** Extremely valuable palm from Rodriguez Island, growing about 8 or 10 ft. high. Leaves flabelliform, very deeply cut, glaucous green; ribs of a golden color; stems orange colored from 2 to 4 ft. long. Trunk stout. Young stock, \$5.00.

LIVISTONA rotundifolia. * * * **D.** A beautiful dwarf palm with almost circular recurved leaves

(resembling *Lantana borbonica*) requiring warm quarters. An unique plant for table decoration. Nice young plant 35c.

MARTINEZIA caryotaefolia. * * **D.** An elegant palm with foliage like the *Caryotas*, but spiny. Trunk slender, about 2 in. thick. Fine young plants with partial character 50c, \$5.00 per doz.; larger plants in good decorative shape, from 2 to 4 ft. high, at \$1.00, \$1.50, \$2.50 and \$3.00.

NEPHROSPERMA van houttei. * * * **D.** An elegant armed, pinnate-leaved palm from the Seychelles. 35 ft. high. Leaves divided into broad, unequal segments, pendulous. Small only, \$1.00.

OREODOKA borinquena. * * (Roystonea borinquena.) **Porto Rican Royal Palm**, differing somewhat from the Cuban species, in being more vigorous and stocky. Does well in extreme South Florida outdoors. Small 15c, \$1.50 doz.; larger 25c, \$2.50 per doz. About 2 ft. high, 35c. Larger, 50c and \$1.00.

O. oleracea. * * * **D.** The **Palmiste** or **Cabbage Palm** of Jamaica. A noble palm, much like *O. regia*, having coarser leaves and even more robust character, reaching a height of 100 ft. or more. Small plants, 25c, \$2.50 per doz. Larger stock, 50c and 75c.

O. regia. * * * **D.** The **Royal Palm**. This is one of the grandest of all pinnate-leaved palms, reaching to a height of 125 feet in the Florida Everglades, where it is rarely found wild. The great leaves are 15 feet or more in length. Our main nurseries were named from this choice palm, beautiful specimens of which had been transplanted here, but were lost some years later by frost. When young this palm is tall and slender. Young plants, no character, 15c, \$1.50



Hardy Cocos, as *C. bonneti*.

Royal Palm Nurseries, Oneco, Florida.

per doz.; 2½ to 3 ft. high with partial character, 35c, \$3.50 per doz.; larger plants at 75c and \$1.00.

PHOENICOPHORUM seychellarum. * * * **D.**



View in our grounds. *Acrocomia total*, *Phoenix reclinata* and *Araucaria bidwellii*.

A very rare and unique palm, requiring a high temperature. \$2.50.

PHOENIX. The *Date Palm*. Pinnate-leaved palms of hardy character, many species of which will endure severe freezing unharmed. We recommend the various species for open-air planting on a large scale in Florida and protected Gulf Coast spots.

P. canariensis. * **D.** The *Canary Island Date*. One of the finest and hardiest for open-air planting. Leaves long and pinnate, closely set; trunk very large. Splendid for lawn and park planting along the Gulf Coast, as it is hardy and vigorous. Small plants: 1 yr. 15c, \$1.25 per doz.; 2 yr. 25c, \$2.50 per doz.; 4 yr. 50c, \$5.00 per doz. 5 yr., 75c, and \$1.00. About 2½ ft., \$3.50 each. Larger priced on application.

P. farinifera. * **D.** A dwarf species admirable for house decoration. The seeds are covered with a sweet mealy pulp. Small, 50c.

P. oseleyana. (*humilis*). * * A rare species from Northern India, of small size, 35c.

P. paludosa. * * **D.** *Swamp Phoenix*. Resembles *P. reclinata* somewhat. Fine plants, rather slender, with character. \$1.00, \$2.00 and \$3.00.

P. pumila. * * **D.** A quick grower, with a slender trunk not over 6 inches in diameter. Fine for street planting. Young plants 15c, \$1.50 per doz. Beginning character, 25c, \$2.50 per doz.; larger, 50c, \$5.00 per doz.; specimens, \$1.00 and \$2.00.

P. reclinata. * * **D.** A splendid palm for the house, or for open-air planting in South Florida and other warm regions. Leaves are arched and very dark green; tree grows quickly, having a trunk 5 to 8 inches in diameter, but unless the suckers are removed the plant makes an immense plummy clump, trunk or trunks not being visible. It is especially fine when allowed to grow at will. Can be used for street planting by cutting off the small suckers for a few years, when they cease to sprout out. Small plants, 1 yr. old, 10c, \$1.00 per doz.; 2 yr., no character, 15c, \$1.50 per doz.; 18 to 24 inches, 50c, \$5.00 per doz.; from 6-inch pots, 75c; from 7-inch pots, about 2½ ft. high, at \$1; larger, \$1.50. From tubs, not perfectly furnished with lower leaves, very strong, \$3.50 and \$5. From open ground, 4 ft., \$3.50; 5 ft. or taller, \$5.

P. reclinata var. Leonensis. * * A stronger grower with more spines along the leaf stems than the type. Strong plants, characterized, \$1.00 and \$2.00.

P. roebelenii. * * * **D.** A new and dwarf species, especially fine for house decoration. Nicely characterized plants, 75c. Elegant specimens, \$2.00 to \$5.00.

P. rupicola. * * **D.** One of the finest species for growing in pots for the house or conservatory. Has wide-spread, arching leaves, the pinnæ set closely along the midrib, and the plant carrying a large number of leaves. Small, no character, 25c, \$2.50 per doz.; beginning character 35c, \$3.50 per doz.; stronger plants, 50c. Lovely plants 75c, \$1.00 and \$1.50.

P. rupicola x reclinata. * * **D.** A choice hybrid originating here on our grounds. Plants characterize very early and are very stocky and nice. With character, 25c, \$2.50 per doz. About 12 to 18 inches high, 50c. Larger, 75c.

P. sylvestris. * The *Wild Date of India*. Tall, fast-growing, with large trunk, 12 to 14 inches in diameter and very hardy. Young stock only, 25c.

Royal Palm Nurseries, Oneco, Florida.

P. tennis. * A hardy species somewhat like canariensis, but with glaucous foliage. 25c, \$2.50 per doz.

P. zeylanica. * The **Ceylon Date.** A very slow-growing, hardy species with a huge trunk, and glaucous leaves. Plants beginning character, 35c, \$3.50 per doz.

PRITCHARDIA pacifica. * * * A very interesting and majestic fan palm from the South Sea Islands, with a fairly slender trunk and great broad plaited leaves up to 6 ft. in width. Strong plants, no character, 50c, \$5.00 per doz.; larger 75c and \$1.50.

PTYCHOSPERMA elegans. * * * **D.** (Seaforthia elegans.) Will always be known as the **Seaforthia Palm.** A most graceful palm, eminently adapted for decorative uses. The beautiful pinnate leaves are from 2 to 8 ft. in length, dark green and smooth, and the plant always carries a goodly number, making a superb subject for house decoration, and for the lawn in warm countries. This is really one of the finest palms for the South, standing chilly rooms in winter without dying at the tips. We grow it in large quantity and find it a universal success, judging from our customers' letters. 1 yr. old, no character, 10c, \$1.00 doz.; 3-inch pot plants, no character, 15c, \$1.50 per doz.; about 15 to 18 inches high, with some character, 25c; about 18 to 24 inches high, fine, 50c; about 2 to 2½ ft., 75c; about 3 ft., \$1.00; about 4 ft., \$1.50; about 5 ft., \$2.00; about 6 ft., \$3.00.

P. macarthurii. * * * **D.** A dwarf species, which throws up numerous suckers, forming bushy plants. Beautiful large specimens, 8 to 9 ft. high, \$10.00 to \$12.00.

ROSCHERIA melanochoetes. * * * **D.** A palm of 15 to 25 ft. with many aerial roots, and stems 2 to 3 inches in diameter, with ring of spines when young below each leaf scar. From shaded forests of Seychelles Islands. Small only, \$2.00.

SABAL adansonii. * **D.** Dwarf Palmetto or **Blue Palm of Florida** and South Georgia. A stemless species with dark, blue-green fan leaves, growing 4 to 5 ft. high. This, with all the Sabals, is particularly suitable for the "Gulf Coast Country," being very hardy. Strong plants, beginning character, 35c, \$3.50 per doz.

S. blackburnianum. * One of the West Indian giant palmettos, with enormous leaves. Very choice and hardy. 3 yr., 25c, \$2.50 per doz.

S. mauritiaeforme. * * (Glaucescens.) This species has a beautiful bluish-gray coloring to the leaves and is of quick growth, especially suitable for growing in the greenhouse or conservatory, etc. Fine young plants with semi-character, 50c, \$5.00 per doz.; larger, 75c.

S. mexicanum. * **Mexican Palmetto.** Resembling S. palmetto, but is heavier and more stocky. Strong plants, 50c and 75c.

S. palmetto. * The famed **Cabbage Palmetto** of the South. A tall tree with a large head of fan



Palms as Street Trees. These are Young Cocos Plumosa.

Royal Palm Nurseries, Oneco, Florida.

leaves. Very suitable for street planting in all our Southland near the Gulf and Atlantic coasts. Has a number of economic uses. 2 yr. no character, 10c, 85c per doz.; 3 yr., 15c, \$1.50 per doz.; beginning character, 25c, \$2.50 per doz.; from 5-inch pots, with some character, 50c, \$5 per doz.

S. sp. unknown. * A gigantic leaved palmetto, introduced here from an unknown source and differing from our other large sorts; the immense leaves are from 6 to 8 feet across, of a very dark shade of green. 2 ft. high, \$1.00.

SEAFORTHIA. See *Ptychosperma elegans*.

THRINAX barbadensis. * * * **D.** Without doubt one of the handsomest of all small fan palms. A dwarf species with very slender trunk; leaves deeply cleft, almost circular, dark-green,

on slender, graceful stems. Specimens, \$2.00, \$2.50 and \$3.00.

T. floridana. * * * **D.** Characterized plants, small, 50c, \$5.00 per doz.

T. microcarpa. * * * **D. Silver Thatch Palm.** A beautiful dwarf palm, with leaves silvery on under side. Young plants, no character, 15c, \$1.50 per doz.

T. radiata. * * * **D.** A very beautiful dwarf fan-leaved plant, especially valuable as a decorative palm. Leaves are deeply cleft, dark green and very graceful. A splendid little palm for table decoration. Lovely plants 25c; about 1 foot high, 50c; larger at \$1.00 and \$1.50.

T. species unknown. * * * **D.** A new dwarf species, leaves exceptionally deeply cleft and dark green. Nice plants \$1.00.

T. wendlandiana. * * * **D. (T. parviflora.) Thatch Palm.** Resembles *T. barbadensis*, but is larger and has broader leaf segments when fully developed. 25c, 50c and 75c.

TRACHYCARPUS excelsa. * (*Chamaerops excelsa*.) **Chusan Palm** from China. Very hardy, enduring sharp freezing and living in Middle Georgia with slight protection. A dwarf fan palm of slow growth. With character, 35c, \$3.50 per doz.

VERSCHAFFELTIA splendida. * * * **D.** A rare palm from the Seychelles Islands, with very broad and entire foliage; trunk is spiny. Young stock, \$1.50.

WASHINGTONIA robusta. * The California **Fan Palm.** This is the type best adapted to Florida conditions, and lately listed as *Neowashingtonia sonorae*. Small stock, 15c, \$1.50 per doz. With partial character, 25c, 35c and 50c. Large plants priced on application.

ZAMIA integrifolia. * **D. (or Z. floridana.)** Our native cycad, the **Comptie.** A dwarf, rarely over 18 in. high. Strong plants, 25c and 50c.

LARGE SPECIMEN PALMS: A few rare plants priced on application. For other choice decorative plants often listed with Palms, see *Pandanus*, page 88, and *Dracaena*, page 37.

COLLECTION A.—Five small Palms, good sorts, all different, by mail for 50 cents.

COLLECTION NO. 1.—Ten Palms, all different, in nice plants, sent to any address for \$1.00.

COLLECTION NO. 2.—Ten Palms, in larger sizes than above, sent by mail for \$2.00.



Latania borbonica.

Royal Palm Nurseries, Oneco, Florida

VIII

FERNS & SELAGINELLAS

SPECIAL NOTICE—Ferns are nearly all pot-grown, and may be shipped out at any time of year.

Varieties with the asterisk (*) are the more hardy sorts. Others should be kept from hard frosts, being tropical. Our list embraces a very choice collection and will be found quite complete. See special offer of collection of Ferns, at end of Department.

Ferns are becoming more generally grown as decorative plants for many special uses, as specimens for greenhouse or home, in groups in ferneries, and in fern-dishes for table decorations, etc. Most of the sorts we list can be grown into large specimens, for jardinières and hanging baskets, if desired, and will be found useful for shaded places, where other plants would fail. In house culture, these should all be given some sunshine, if possible, daily. The less light they get the more frail and weak they become. Soil should be generally rather light, with leaf mould, or **very old**, well-rotted manure. Too much manure is injurious, yet some sorts will be benefited with considerable added as a top-dressing. Concentrated fertilizers are not so well suited for Ferns as for more rank-growing plants.



View in glass house No. 1; the fern in basket is the Staghorn Boston, one of the best.

Royal Palm Nurseries, Oneco, Florida.

ADIANTUM caudatum. A small plant, rooting at the tips of fronds—a kind of "walking fern"; very pretty. 25c.

A. farleyense gloriosa. The new **Glory Fern.** This is a grand new fern very much like the old type, but comes from spores, and is a very valuable acquisition. The fronds are heavy with very broad pinnae, exceedingly graceful, and the plant attains large size under very ordinary culture and conditions. Fine plants 50c, \$5.00 per doz.

A. hybridum. A maiden-hair fern. A splendid new species similar in style to *cuneatum*, but has heavier and larger foliage; the finest sort known for florists' use for cutting, and also the best for amateurs in the South, growing well for everyone. A grand acquisition for house growth. Fine plants, 15c, 25c, and 50c.

A. lunulatum. A "walking fern," rooting at the tips of fronds. A small, graceful plant, fine for baskets. 15c, \$1.50 per doz.

ALSOPHILA australis. Australian Tree Fern. Very fine long fronds, and with age develops a trunk sometimes 25 ft. high. Young plants 50c, \$5.00 per doz.; specimens, 75c, \$1.00 and \$2.00.

BLECHNUM occidentale. Dwarf plant with rich colored new foliage, of easy growth. 25c.

B. serrulatum. * Larger than the preceding species, this handsome native plant works in well in large ferneries. Grows from 2 to 6 feet high. 15c, \$1.50 per doz.

CERATOPTERIS tartarea. (Gymnogramme tartarea). The **Silver Fern.** Tall and vigorous, with white powder on under surface of the fronds. Needs plenty of light and heat. 15c, \$1.50 per doz.; large 35c, \$3.50 per doz.

CIBOTIUM barometz. This belongs to the tree ferns, but has no trunk. The broad elegant fronds are very beautiful and lace-like, with a delightful fragrance at times. Of quick and easy growth, this is a very popular house plant. Very strong. 25c, \$2.50 per doz. Large specimens 35c and 50c.

C. schiedel. A very imposing tree fern of rare beauty, and with a hardy constitution, so that it may be easily handled. Difficult of propagation, it will never be common. Fronds are very broad and of a drooping nature, so that the plant shows best when standing on a pedestal when in a young state before the trunk is of appreciable size. Fine stock at \$1.00 and \$3.00.

DRYOPTERIS sp. Jamaica. (Lastrea). A beautiful vigorous plant of creeping habit, forming dense clumps about 18 inches high. Strong plants 25c, \$2.50 per doz. Extra large 35c, \$3.50 per doz.

D. thelypteris. A delicate native fern, with narrow fronds, 15c, \$1.50 per doz.

HEMIONITIS palmata. A very dwarf fern with broad palmate leaves, covered with a velvety down. 25c.

LYGODIUM scandens. * **Japanese Climbing Fern.** A rare thing—a real vine that happens to be a true fern. Grows up vigorously to a height of 10 to 15 feet, and makes a mass of the most

charming lace-like growth, admirable as a specimen plant, or when cut for decorations. Very useful to the florist. 25c, \$2.50 per doz.

MICROLEPIA hispida. A rather dwarf plant not over 10 to 15 inches high, spreading rapidly, making good clumps. Strong plants, 15c, \$1.50 per doz. Extra large, 25c, \$2.50 per doz.

M. hirta cristata. A very lacy leaf of large size, divided and crested beautifully. The long fronds arch over, forming splendid specimens. 25c.

NEPHROLEPIS. The **Sword Fern.** The various species of this popular genus are the best known house ferns, growing under adverse conditions well and giving satisfaction to all. They are without doubt the most popular ferns for the living room and business office, being very showy and of very easy growth. They are grown in pots on pedestals, or in hanging baskets, thus showing off their wonderful plummy fronds to best advantage.

N. amerpohlil. The "**Lace Fern.**" A new form of the popular ruffled sword fern, with very broad fronds having exceedingly finely-cut subdivided pinnae, overlapping and giving a heavy rich effect. A splendid new plant of the highest merit, 25c.

N. cordata compacta. Stocky and dwarf, with beautiful dark-green leaves; a splendid plant, which should be freely used. Fine plants, 10c, 25c and 35c.

N. cordifolia. Something like the preceding, but with longer fronds not usually so dark-green, and growing up to 2 feet high. A fine species of easy growth for baskets. 10c to 35c for strong plants.

N. davallioides furcans. The "**Stag-Horn Boston Fern.**" A grand decorative plant, with the ends of the fronds and pinnae curiously divided and crested. A magnificent subject for a jardiniere, growing up to 4 feet high and 6 ft. across! Small plants 15c \$1.50 per doz.; beauties 25c, 50c, 75c and \$1.00. Specimens in tubs \$5.00.

N. duffii. A tufted dwarf species with branched fronds growing up to 2 feet high rarely. 15c to \$1.00.

N. exaltata. The **Sword Fern of the Tropics**, growing all round the earth. Formerly largely grown as a basket plant, but now superseded by the more popular variety, the **Boston Sword Fern.** 10c, \$1.00 per doz.

N. exaltata bostoniensis. The **Boston Fern.** Widely grown and a general favorite. A grand-plant for general decorative use, always fine and beautiful. 20c and 50c.

N. exaltata cristata. The **Crested Boston Fern.** More dwarf than, but similar to, the *N. davallioides furcans* in general appearance. Rare and choice. Small plants, 15c, \$1.50 per doz.; fine decorative plants, 25c, 50c and 75c.

N. exaltata superba. A very grand new crested or plumed Boston Fern growing up to 3 feet high under best conditions. It is well worth giving extra care. Good plants 35c.

N. exaltata. var. "Roosevelt." A wonderfully charming new form of the Boston Fern, enthusiastically described by the disseminators as "**The Grandest Fern of the Age.**" In general, it re-



Nephrolepis exaltata cristata.

Royal Palm Nurseries, Oneco, Florida.

sembles a Boston Fern, but has many more fronds per plant; is bushier and handsomer. The pinnae are beautifully undulated, giving a pronounced wavy effect unlike all others, 35c.

N. pectinata. The miniature sword fern, smallest species we know. Nice plants, 25c.

N. rufescens tripinnatifida. The **Ostrich Feather Fern.** Elegant, long fronds, four feet in length, finely cut, of a peculiar charming color when young. Grows more upright than most sword ferns, forming good specimens, adapted for general decorative use. Needs a warm, light situation. Strong plants, 15c to 50c.

N. scholzei. **Plumed Scott Fern.** A splendid new form of ruffled fern, partaking of the semi-dwarf habit of its parent, **N. Scottii**, with the added grace of the beautiful divided foliage. 25c.

N. scottii. **Scott's Compact Boston Fern.** A good form of the sword fern with broader fronds and a greater number per plant than the common sort; semi-dwarf. A very fine fern. Strong, beautiful plants, 15c to 50c.

N. superbissima. "Fluffy-ruffles" fern. Entirely different from all other sword ferns, with dwarf and compact leaves, the pinnae being crowded and overlapped; very dark green color. 15c and 25c.

N. whitmani. "Ostrich Plume Fern." A great fern which appeals to everyone. Leaves very long and beautifully divided into almost lace-like divisions. A very charming plant 25c.

OSMUNDA cinnamomea. * The **Cinnamon Fern.** A hardy native fern of very large size—3 to 5 ft.—with fronds bearing spores, without any green foliage, coming up in the spring. 15c and 25c.

O. regalis. * The **Royal Fern.** This has broad, elegant, sub-divided fronds of great beauty, growing up to 5 ft. 15c and 25c.

POLYPODIUM aureum. The **Golden Polypody.** This has broad, coarse fronds, and grows in fibre of palmetto trees. Distinct, 20c.

P. polypodioides. (incanum). * **Resurrection Fern.** Small plant with short fronds 6 inches long, growing freely on rough-barked trees in Florida; in moist weather they uncurl and grow. 10c-25c.

P. mandaianum. A most magnificent new creation among ferns, splendid in decorative character and value, the cut fronds lasting for a long time in water. This grand plant took first premium and gold medals wherever shown in 1912 and 1913, and is admired by everyone. It is of decorative value even when in a 3-inch pot, but is superb when fully grown, with fronds 5 feet long. Fine plants \$1.50.

POLYSTICHUM falcatum. (Cyrtomium falcatum.) The **Holly Fern.** This has dark-green very broad pinnae and makes a very fine specimen, up to 18 inches high. 15c, \$1.50 per doz.; larger 25c.

P. lobatum. (Aspidium tussimense.) A fine dwarf fern for either single specimens or filling fern dishes. 15c, \$1.50 per doz. Larger, 25c.

P. rochfordianum. New **Crested Holly Fern.** A very satisfactory plant for decorating, with dark-green foliage, waved, and deeply cut on the edges. While massive in appearance, it has a graceful and light effect. Fine young stock 25c, \$2.50 doz.

PTERIS cretica abolineata. A low-growing plant with coarsely divided leaves striped with white. Best variegated-leaved fern we know. 25c.

P. serrulata cristata. This has crested ends on the fronds. A pretty variation from the type. 15c.

P. tripartita (marginata). A giant Hawaiian fern with fronds up to 4 ft. across and reaching a height of 7 ft. Truly a splendid giant fern of pleasing bushy appearance. 25c and 50c.

P. victorise. A small plant, with foliage striped with white. Very pretty. 15c and 25c.

SELAGINELLA. **Club Moss.** Very delicate, fern-like plants, reminders of the pre-historic coal age. They need heat and moisture and very little sunlight. Fine for wardian cases.

S. braunii. Erect species with curving fronds a foot long. Very beautiful and interesting. 25c.

S. cuspidata. A dwarf tufted plant. 15c.

S. hemaetodes. One of the finest, from Guatemala, with large, spreading, fern-like branches. Grows 10 inches tall. 25c.



Selaginella vogelii.

S. schottii. A rank creeping sort with free growths a foot long. 15c.

S. willdenovii. A giant creeping species, with elegant fronds of a pleasing shade of peacock blue and green, bronze, etc., 35c.

S. vogelii. A fine, erect species with leaves from 1 to 2 ft. high and showing bronze coloring at times. 25c.

No. 1 Collection of five strong Ferns, all labeled, for 40c, postpaid. (Our selection only.)

No. 2 Collection of ten Ferns, including some of the rarer sorts, all very choice, all labeled, for \$1.00 postpaid. (Our selection only.)

No. 3 Collection of five Ferns, in large sizes, of great decorative value, fine sorts, all labeled, \$1.25, postpaid. (Our selection only.)

No. 4 Collection of ten sorts, all different, suitable for a fernery, strong, showy plants, not labeled, for 75c, postpaid.

Royal Palm Nurseries, Oneco, Florida.

IX Foliage and Decorative Plants

SPECIAL NOTICE—Nearly all are pot-grown, so may be shipped any time of the year.

Mostly tropical, suitable for greenhouses, the living room, warm business offices, for bedding out in the summer at the North, or planting permanently in open ground in the tropics, and along our Southern and Western coast regions where only a slight protection from frost will be necessary. The surest method of protecting the stem and roots is to bank up with soil as high as one chooses, to keep out actual freezing; do this at the signs of the first hard frost and leave until growth starts in the spring.

ACALYPHA bicolor compacta. A rather dwarf grower, with broad green leaves, marbled and edged with creamy white. 25c, \$2.50 per doz.

A. godseffiana. A dwarf species, leaves broad green, margined yellow, and suffused more or less with pink. 15c and 25c.

A. marginata. The largest sort in the genus, growing in open ground up to 8 ft. high. Fast growing. Leaves green, margined with varying shades of red, pink and cream. In cool weather is exceptionally gorgeous. 15c, \$1.50 per doz.; extra large, 25c.

A. miltoniana. Of medium growth, with narrow, cut leaves, green and cream-colored. 15c, 25c and 35c.

A. mosaica. Mosaic-leaved. A most gorgeous plant, foliage showing all shades of green, yellow and red, with curious markings. A fine plant, 15c, \$1.50 per doz.; larger 25c, \$2.50 per doz.

A. tricolor. Resembling the preceding, but with regular foliage, mostly of a rich red effect. A grand plant, which should be planted very extensively. 15c, \$1.50 doz.; larger, 25c, \$2.50 doz.

ACHYRANTHES emersoni. A fine plant for bedding or window boxes, with deep red foliage. 10c, \$1.00 per doz.

A. Parrache de Bailey. New variety with green foliage, reticulated with creamy yellow; leaf stalks and stems crimson. 15c, \$1.50 per doz.

ALTERNANTHERA aurea. A small border plant, yellow tinted, freely used in Florida, and also in the North as a summer bedder. 5c, 50c per doz.; \$4.00 per 100.

A. rosea. Similar to above with red or pinkish colored leaves, at same price.

AREALIA balfourii. A new species with round leaflets beautifully variegated green, white and cream. Something like A. Guilfoylei, which see. 50c.

A. elegantissima. Palmate, deeply divided leaves of a brownish-green color. 50c.

A. filicifolia. A fine shrubby plant, growing up to 8 ft. high. Valuable in all sizes. Foliage fernlike and attractive. 25c, 50c.

A. guilfoylei. A handsome species, compound leaves, which are variegated green, white and cream. Very showy for both pots and bedding. 15c to 50c.

ARDISTIA crenulata. A beautiful small shrubby plant bearing scarlet berries and used for table decoration in winter. Makes a fine shrub in South Florida. 3-inch pot plants 15c, \$1.50 doz.

A. crenulata alba. Similar to above with white berries. 15c, \$1.50 per doz.

A. pickeringii. Our native **Spiceberry Bush.** A pretty shrub with broad, simple leaves, bearing black berries of pleasant flavor. Nice plants 25c to 50c.

ASPARGAGUS plumosus. A very fine, fern-leaved climbing plant, particularly adapted for bouquets and all cut-flower work, etc. Lasts for days without water. May be grown outdoors in Florida and warm regions. A fine pot plant for any climate. 10c, \$1.00 per doz. Stronger plants 15c, \$1.50 per doz.; fine specimens at 25c and 35c.

A. plumosus var. hatcheri. Hatcher's new form, a decided acquisition for florists, decorators and growers. The plants make dense clumps, as well as long sprays which have twice the number of branches over the old type.

A. sp. from Natal. A very strong climber with distinct foliage, fragrant flowers. 25c, \$2.00 doz.

A. sprengeri. One of our introductions from South Africa in 1888. Indispensable to every florist. The plant is best grown in baskets or on pedestals, so the long shoots may hang. A grand plant in any size. Fine plants in various sizes. 10c, \$1.00 per doz.; 15c, \$1.50 per doz.; larger 25c.

ASPIDISTRA lurida. A grand old decorative plant from Japan. Leaves broad and canna-like, slightly variegated with white. If grown (as it may be safely) in a shaded place continually, it has more white variegation than when in full sunlight. Grows about 18 in. high. 50c and \$1.00.

CARLUDOVICA palmata. The **Panama Hat** plant. Resembles a palm, but has no trunk. Leaves palmate. A very decorative plant, reaching a height of about 4 or 5 feet. Nice small stock, 25c, \$2.50 per doz.; larger specimens, 50c, 75c and \$1.00.

COLEUS. The unequalled bedding foliage plant. Also useful for window and porch boxes, etc. A good variety of colors and kinds. Fine plants 10c, 85c per doz., \$5.00 per 100; large plants 15c, \$1.50 per doz.

Coleus. Cecil Brown. A creeping sort, small foliage, general effect, purplish-brown and green. 10c, \$1.00 per doz.

COSTUS speciosus. A curious **Spiral Flag**, with orange-colored flower heads, makes a good shrubby plant in open ground here. 50c.

CROTON. See **Phyllaurea.**



Porch Plants.

Royal Palm Nurseries, Oneco, Florida.

CURCULIGO recurvata. A broad-leaved plant growing about 4 feet high, resembling a young palm, or *Panicum palmifolium*. \$1.00.

DIEFFENBACHIA seguine nobilis. A fine evergreen resembling a dwarfed Musa, with broad leaves profusely blotched with creamy white. Needs heat and moisture. 15c and 25c.

DRACAENA fragrans. A large green-leaved plant somewhat resembling Maize, but much heavier and more fully furnished with beautiful foliage. A touch plant for the decorator. 50c and \$1.00.

D. godseffiana. A dwarf, branched plant with short leaves, green and cream colored. A nice pot plant. 25c.

D. hookeriana. A rare new South African species with massive broad leaves, green. \$1.00.

D. indivisa. The famed **Dragon Tree**. A very handsome plant in all sizes whether 1 or 15 feet in height. The leaves are very long and narrow, and the plant has a trunk 3 to 10 inches thick in age. This is hardy in California and South Florida and useful in landscape gardening. Strong plants of decorative value, 50c.

DRACONTIUM asperum. A rare aroid, with a single pertuse leaf. 50c.

ERANTHEMUM albo-marginatum. (Formerly listed as *Jacobinia* sp.) A pretty, variegated leaved plant, foliage green, gray and white. 15c and 25c.

EUPHORBIA pulcherima. The **Poinsettia**. Now well known and generally grown by florists for decorating from November till March. The great scarlet bracts from 6 to 12 inches across remain vivid for many weeks. A great plant for warm countries. (The plants we offer are simply nursery stock, and not florist's stock in bloom.) 10c, \$1.00 per doz.; \$7.00 per 100. Heavier stock, 25c, \$2.50 per doz., \$18.00 per 100.

Double Flowered Poinsettia. This is far superior in some ways to the old type. Bracts, however, do not develop so early in the autumn, but hold very much later. Strong plants 25c, \$2.50 per doz.

White Poinsettia. A new and charming addition to the genus, a great novelty as yet. Strong plants, \$1.00.

FICUS altissima. This is catalogued by a few prominent European firms as *F. Chauvierii*. A magnificent new rubber plant of our introduction from India. Large roundish-oblong leaves, with prominent veins. A fine specimen plant in all sizes. Beautiful plants 1 ft. high, 40c; 2 ft. 75c; 3 ft. or taller, \$1.00.

F. elastica. See also Dept. III. Fine plants, 40c to 75c.

F. elastica variegata. This is a rare variegated plant of great beauty. \$1.50 to \$2.50.

F. Pandurata. The "**Majestic Rubber Tree**." A new species with enormous banjo-shaped leaves, of a rich green color; veins of creamy-white. A very fine house plant. Strong stock, \$1.00 to \$3.00.

F. parcellii. A thin-leaved shrubby tree with finely variegated leaves; fruit (which does not mature usually) also variegated. 50c and 75c.

FITTONIA argyroneura. A trailing plant with broad leaves, showing a net work of white veins. 15c.

F. verschaffelti. This has pink veins. 25c.

GREVILLEA robusta. See Dept. XV.

GYNURA aurantiaca. "**Velvet Plant**." The stem and leaves are covered with glistening purple hairs—highly colored. 10c and 15c.

HELICONIA bihai. Wild Plantain or Balisier, of Central America. A fine plant, growing to a height of 10 to 15 ft., resembling a Musa. Green foliage, purplish stems, yellow flower spikes. 50c.

H. lehmanni variegata. A stocky, broad-leaved plant, somewhat resembling a miniature banana, with leaves striped with creamy yellow, and having yellow stems. 50c to \$2.00.

HEMIGRAPHIS colorata. A purple-leaved plant of trailing habit. Fine for baskets, or as a cover plant, but needs heat, 15c, \$1.50 per doz.

MARANTA arundinacea variegata. Commonly catalogued as **Phrynium variegatum**. A plant with canna-like foliage growing up to a height of 3 feet, beautifully variegated with white. Tubers in winter, or pot-plants in summer, at 20c, \$2.00 per doz.

Maranta. Several unnamed hot-house species, dwarf forms with bronze foliage, etc. 35c.

NEPHEPHYTIS liberica. A quickly growing climber, with fleshy stems, like *Philodendron* in habit, having trilobed leaves. 20c, \$2.00 per doz.

N. triphylla. Resembling the *Nephephytis liberica*, but having leaves variegated with white. Fine. 25c, \$2.50 per doz.

NOLINA tuberculata. A splendid plant, resembling a Yucca or Dracaena, but with an enormous bulbous base, from which the trunk runs up very slenderly, and is crowned with a great head of long narrow leaves. Has proved hardy in South Florida out doors, and is an effective subject growing up to 8 feet or more in height. Small plants, 25c, \$2.50 per doz.

OPHIPOGON japonicus variegatus. A dwarf plant with perennial leaves 6 to 12 inches long, very narrow and striped white and green. Flowers purple. 50c.

OPLISMENUS burmani. (*Panicum variegatum*). A delicate grass, broad leaved with variegation of green, white and pink. Useful for border, hanging baskets, etc. 10c, \$1.00 per doz.

PANAX aureum. This and following species allied to *Aralia*, which they closely resemble. A fine foliage plant growing up to several feet high, but useful when small. Compound leaves highly colored with yellow. 25c to 50c.

P. excelsum. Foliage very finely cut. Makes a fine, bushy plant of elegant appearance. 25c to 50c.

P. fruticosum (plumatum). This has fern-like leaves and is of quicker growth than most others. The foliage is grayish green, with a suggestion of white in it. 15c to 50c.



Ficus altissima.

Royal Palm Nurseries, Oneco, Florida.

P. species. A new, green-leaved sort, with very pretty serrated foliage of distinct character and good habit. 25c to 50c.

P. victoriae. This has more white in the foliage than most variegated plants, and is a splendid decorative plant in every size. 25c and 50c.

PANDANUS baptistii. This "Screw Pine" is beautifully variegated with creamy yellow—in other respects it resembles *P. Veitchii*. \$1.00.

P. utilis. The well known **Screw Pine**. Resembles a pineapple plant when small, having leaves with small red spines along the edges. A very symmetrical and handsome plant suitable for vases, etc. Beautiful plants in several sizes. 6 to 10 in. high, 15c, \$1.50 per doz.; 10 to 12 in. high, 25c; 12 to 18 in., 50c; 18 to 24 in., 75c; larger, \$1.00 to \$3.00.

P. veitchii. Leaves beautifully striped with white. A magnificent plant. Fine plants of decorative sizes. 50c to \$4.00.

Plants without variegation of this species, or with but a faint suggestion of it, may be had at 50c to \$1.50.

PELLIONIA daveana. A creeping plant adapted for covering plant tubs, or for hanging baskets. Leaves variegated purplish-bronze and a silvery green. 10c, \$1.00 per doz.

PHILODENDRON sp. Cuba. A climbing aroid with handsome cut leaves about 12 to 18 inches in size. A very striking decorative subject. \$1.00.

PHYLLAUREA variegata. Crotons. Splendid shrubby plants with variegated foliage, both narrow and broad, requiring plenty of heat and moisture. No other genus of decorative plants can furnish such a variety of color. Grand plants for bedding out, and for growing in pots or tubs. Mixed plants not labeled, small, all different, 10c, \$1.00 per doz.; larger, 6 to 10 inches high, 15c, \$1.50 per doz.; better, 25c, \$2.50 per doz. Large specimens, \$1.00 to \$2.00.

Amabile. Broad-leaved, of slow growth, very highly colored, showing pink, purple, green and yellow. 25c and 50c.

Angustifolium. Very narrow-leaved; green and yellow; 25c and 50c.

Andreanum. Broad-leaved, high color; orange, pale yellow, etc. Very gorgeous variety. 25c and 50c.

Appendiculatum. Green leaved, with exposed midribs, tips of leaves hanging down in queer detached fashion. 25c.

Aucubaefolium. Broad and short in leaf; green with yellow dots, bronze under surface. 25c, 35c and 50c.

Aureo-maculatum. Very small and narrow foliage; green, spotted yellow. 35c.

Baroness Rothschild. Broad-leaved, red and pink shades being very prominent; superb. 50c.

Barryii. Broad leaves; green with veins and blotches of bright yellow. Leaf stems tinged pink. 25c.

Chrysophylla. Broad-leaved; green, with broad creamy yellow center; very fine. 35c.

Cooperii. Leaves yellow, veined and blotched, changing to red. 25c, 50c and 75c.

Cornutum. Leaves narrow, wavy-margined, dark-green, mottled yellow, midribs projecting at tips. 25c, 35c and 50c.

Dayspring. Leaves rather broad, orange-red mid-rib. 25c and 50c.

Dermannianum. Small but broad leaves, bronzed, green and yellow. 35c.

Disraeli. Trilobed leaves of various shades of yellow and pale green; edges red. 25c and 50c.

Earlscourt. Broad-leaved, very wavy and irregular; yellow center, margined green and pink, with reverse side pink and maroon. 50c.

Edwin Lonsdale. Very broad leaves, highly colored pink and red on yellowish-green ground. 50c.

Evansianum. Leaves 3-lobed, veined yellow and mottled yellow, bronze and orange. 25c, 50c, and 75c.

Gen. Paget. Leaves extremely broad, green and yellow; a superb show variety. 75c.

Grayii. Something like *Majesticum*. 35c and 50c.

Hawkeri. Medium narrow leaf, mostly yellow. 25c and 50c.

Illustris. Leaves with three narrow oblong lobes, golden-barred and variegated. 25c.

Interruptum. Purplish-green above, with twisted mid-rib; broad-leaved. 35c and 50c.

Irregulare. Medium broad, rather oblong, shining green with yellow blotches and midrib. 25c, 35c and 50c.

Johannis. Long, narrow leaves; green, ribbed and margined yellow. 15c, 25c, 35c and 50c.

Maculatum-Katoni. Broad, 3-lobed leaves, green with circular yellow spots. 25c, 35c, 50c.

Majesticum. Leaves narrow and long, mottled green and yellow, shaded crimson. 25c and 50c.

Mme. Blanche. Leaves rather narrow, green and creamy yellow. 35c.

Morti. Broad, long leaves, green and yellow. 25c and 50c.

Nestor. Olive ground; pink midrib and green spots. Broad leaves. 25c.

Nobile. Broad-leaved, green and yellow. 25c, 35c and 50c.

Orvilla. Beautiful broad leaves, green, barred and spotted with deep yellow. Splendid. 50c.

Picturatum. Narrow, long leaves, green, carmine, yellow, orange, etc. Very rich colored. 15c, 25c, 35c, 50c, and 75c.



Panax fruticosum.

Royal Palm Nurseries, Oneco, Florida.

Prince of Wales. Medium broad leaves tapering somewhat to the tips. Highly colored with yellow on green. 50c.

Queen Victoria. Broad leaves, beautifully colored green, yellow, magenta and crimson. 15c, 25c and 50c.

Regina. Broad, short leaves; crimson, brown, green and yellow. 25c, 50c and 75c.

Spirale. Leaves long, narrow, twisted, striped and marked with yellow changing to crimson 50c.

Stewartii. Broad leaves, yellow, green and red. 50c.

Veitchii. Broad-leaved, green, pink and crimson. 25c, 35c, and 50c.

Weismanni. Leaves rather narrow; green, barred and blotched yellow, with pink or red stems. 25c.

PHYLLANTHUS nivosus var. roseo-pictus. (Brevnia.) **Snow Bush.** Shrub with loose, rather wiry branches, somewhat zig-zag. Leaves compound, mottled with white and pink. A splendid plant for low hedges, borders, etc., or as a single specimen. 15c, \$1.50 per doz. Larger 25c.

P. nivosus purpureus. Leaves greenish and purple. A pleasing change from the former. 35c.

P. speciosus. Resembles a narrow-leaved Aralia, but is of quicker growth. A fine plant. 50c.

POTHOS aureus. A clinging aroid plant with heart-shaped leaves, 6 to 8 inches across, green and golden yellow. Fine! Strong plants 15c and 25c.

RAVENALA madagascariensis. The famed **Travelers' Tree** of Madagascar. Has a trunk like a palm, with enormous heavy smooth leaves two-ranked, something like banana leaves. Very beautiful and interesting. Small stock, 50c, \$5 per doz.

RIVINA humilis. **Blood Berry.** A beautiful native plant, much branched, and bearing profusely, bright scarlet berries of small size. 15c and 25c for plants of bearing size.

R. aurantiaca. New; yellow. 35c.

SANCHEZIA nobilis glaucophylla. A broad-leaved plant from Ecuador, growing about 4 feet high. Leaves glaucous green, with yellow nerves. 25c to 50c.

SANSEVIERA. See Dept. III.

STRELITZIA nicolai. (Formerly listed as *S. augusta*.) A grand plant, resembling *Ravenala* on a smaller scale. Flowers white and blue. \$1.00.

TALINUM patens variegatum. A fine bedder with almost pure white foliage and interesting little pink and yellow flowers. Grows a foot or more high. 15c, \$1.50 per doz.

ZEBRINA pendula. The **Wandering Jew.** A creeping plant, fine for baskets or for covering large surfaces. Foliage green and purple. 5c. Sufficient for small basket, 10c.

ZINGIBEE d'arceyi. A lovely foliage plant; leaves green, edged with white, often with pink. Flowers in a deep red ball-like scape about 2 ft high and very effective. Grows in part shade. \$1.00.



Pandanus utilis in open ground.

Collection D. Five choice foliage plants, our selection, all labeled, sent postpaid, for 50c.

Collection DI. Ten choice foliage plants, our selection, all labeled sent postpaid, for \$1.00. See index for plants you are hunting for, at the back of this book.

FLORIDA TESTIMONIALS.

Montbrook, Fla., May, 1914.—"The shipment of palms reached me in fine shape, and I wish to say that I am just delighted with the collection that you sent me. Your method of packing is the finest I ever saw, and I shall take pleasure in recommending you to all my friends. Thanking you for the very satisfactory manner in which you filled my order, I am,
"Yours very truly,"
MRS. D. W. McARTHUR.

Winter Haven, Fla., March, 1914.—"Your plants arrived in fine shape and so many extra ones too. Everything was so satisfactory, I shall order from you in the future."
MRS. J. ACHESON.

Lakeland, Fla., Sept., 1914.—"I beg to acknowledge receipt of the plants in good condition. We are certainly pleased with them in every way. You may expect another order from us in the near future."
CHAS. D. KIME.

Eagle Lake, Fla., Sept., 1914.—"The plants came in splendid condition, and after a few days in the ground, still look well. I am much pleased with the collection; the palms fairly took my breath away. I have seen smaller ones up North for two dollars apiece, (these cost only 20 cents each, net). Thank you for the extra specimen fern.
MRS. EMMA S. CHANDLER

Waverly, Fla., Oct., 1914.—"I am certainly gratified at the treatment you have accorded me in your promptness and the nice plants and shrubs sent me—they are above my expectations. Will send order later for roses, pine-apples, etc.
J. R. DAVIS.

X Tropical Flowering Plants and Shrubs

SPECIAL NOTICE—Nearly all plants in this section are pot-grown, and may be transplanted at any time of the year. In Florida, set them preferably in spring or summer, prior to September 1st.

Suitable for the greenhouse, living room, warm offices, the tropics, Gulf and warm coast regions of the United States from South Carolina around to upper California, with slight protection in the coldest parts. Protect from freezing by banking stems liberally with soil at signs of first hard frost. The tops will be lost, but shoots will come again in the spring. **Subjects that will flower in winter or Early Spring:**

Acalypha, *Bauhinia purpurea* and varieties, *B. variegata candida*, *Begonias*, *Caesalpinia pulcherrima*, *Calpurnea*, *Cestrum*, *Clerodendrum*, *Cuphea*, *Assonias*, *Daedalacanthus*, *Hibiscus*, *Ixora*, *Jacobinias*, *Jasminums*, *Asystasia*, *Chalcas*, *Plumbago*, *Strobilanthes*, *Tabernaemontanas*, *Thevetia*, *Thunbergias*, *Datura*, *Kraussia*, *Lantana*, *Stenolobium*, etc.

ACALYPHA hispida. (sanderi). **Chenille Plant.** Broad green foliage, with bright red flower spike like a cat-tail up to 2 ft. long, from axil of every leaf. The plant grows up to 10 ft. high, but blooms when very small, and forms a strikingly brilliant picture. 25c, \$2.50 per doz.; extra large flowering specimens 35c and 50c.

ALLAMANDA nerii-folia. Shrubby, with yellow flowers, about 1½ to 2 inches across. 25c.

ALPINIA nutans. **Shell-Flower.** A lily-like plant growing 4 to 6 ft. high, with gorgeous orange, yellow and white flowers. 35c.

ARTABOTRYS odoratissimus. The **False Ylang-Ylang**, or **Cinnamon Jasmine.** A choice flowering shrub, semi-climbing in habit, with broad glossy leaves bearing yellow flowers delightfully scented with the fragrance of ripe bananas and pineapples. The fruit is also highly fragrant, but inedible. Fine plants, 25c and 50c.

ASSONIA natalensis. New species, 50c.

A. spectabilis. (Dombeya). A tall shrub with straw colored and pink flowers. Rare and new. 50c.



Bauhinia purpurea triandra.

Royal Palm Nurseries Oneco, Florida.

A. wallichii. (Dombeya). Very beautiful pink flowers in an enormous head, closely set. Foliage large and velvety. New. 50c.

ASYSTASIA bella. (Mackaya). A fine shrubby plant of easy growth here, flowering in spring. Flowers in racemes, pale lilac, about 2 inches long. 35c.

BAPHIA racemosa. An erect shrub, with leathery leaves and large racemes of white, pea-like flowers, the standard petal marked with purple veins. 50c.

BAUHINIA. Mountain Ebony. An extensive genus of tropical plants and creepers, shrubs and trees. These we offer, however, are all very desirable subjects for planting in warm regions, on account of their beautiful flowers and interesting evergreen foliage. All of the sorts listed below are fine for Florida planting.

B. acuminata. A shrub only, blooming when not over 2 ft. high. Foliage attractive, flowers pure white, 2 to 3 inches across, in loose bunches. A fine thing. 35c.

B. forficata. (furfuracea.) A new, thorny shrub with cream colored flowers in summer. 50c.

B. krugii. A large shrub or small tree, with splendid flowers, delicately variegated pink and yellow. A very choice species. 25c, \$2.50 per doz.

B. picta. A rare species, with small foliage. \$1.00.

B. purpurea. One of the most showy flowering shrubs or small trees we ever saw. The flowers, which come freely in early spring, continue opening for weeks, and are about 3 inches across, resembling a costly orchid in color and shape. The color at a distance is deeply lavender, but an examination will reveal tones of mauve and purple, with a touch of white; scented. It is magnificent. 1 yr. 15c, \$1.50 per doz.; 2 yr. 25c, \$2.50 per doz., 3 yr. 35c, \$3.50 per doz.

B. purpurea triandra. This was formerly listed as *B. variegata*. A very fine sort, resembling *purpurea*, but flowering in autumn. Flowers pink and very attractive and fragrant. The large two-lobed leaves are very peculiar, closing at night. 1 yr. 15c, \$1.50 per doz.; 2 yr. 25c, \$2.50 per doz.; 3 yr. old, 35c.

B. purpurea, Simpson's Pink variety. Somewhat different from preceding, both in color and time of flowering, which is later. Prices, 25c each, \$2.50 per doz.

B. racemosa. New, 50c.

B. tomentosa. The St. Thomas Tree. A fine small tree with charming yellow flowers. 50c.

B. variegata candida (alba). A tall shrub, or small tree, blooming in early spring. Large pure white flowers about three inches across. Very fine indeed. 1 yr. 25c, \$2.50 per doz. 2 yr. 35c, \$3.50 per doz.

BEGONIA macrophylla. A giant green-leaved species from Cuba. The white flowers are borne on stout stems above the foliage, 4 to 6 ft. high. 25c.

Flowering Begonias. Several sorts, unnamed, at 15c and 25c.

BRUNFELSIA americana. A West Indian shrub, 4 to 6 ft. high, with broad, evergreen leaves and very fragrant yellow flowers which turn white in aging. 35c.

B. macrophyllum. Flowers a rich blue, turning white in aging. Fragrant. 50c.

CAESALPINIA nuga from Luzon, P. I. "A very attractive and sweet scented flowered scandent shrub. New and rare. 50c, \$5.00 per doz.

C. pulcherrima. Dwarf Poinciana or Barbados Flower Fence. A superb shrub with elegant pinnate foliage, surmounted during the greatest portion of the year by great terminal clusters of the most gorgeous red and yellow flowers. A very showy plant, suitable for conservatories, for bedding out in summer at the North and for permanent shrubberies in Florida and the Tropics. Nice young stock at 15c, \$1.50 per doz.; larger at 25c, \$2.50 per doz.

CALPURNEA aurea. (lasiogyne). A fine shrub with compound leaves; flowers something like the pea, in large drooping spikes of the richest yellow. 25c.

CARISSA acuminata. A non-edible species, with handsome small foliage. Fine for hedging. 50c.

CASSIA alata. (Herpetica). The Talantala of Porto Rico. A shrub of 4 to 8 feet high,

with pinnate foliage and spikes of glorious yellow flowers. Will bloom freely the first year. 35c, \$3.50 per doz.

C. laevigata. A fine shrub growing from 3 to 7 feet high. Compound leaves; yellow flowers. 50c each.

CATESBAEA spinosa. A slow-growing evergreen shrub, with very small leaves especially useful for hedging purposes. Flowers trumpet shaped; fruit yellow and edible. 25c, \$2.50 per doz.

CESTRUM diurnum. The "Day Jessamine." A quick-growing large shrub, producing quantities of small, white flowers at intervals through the year, valuable for cut flower work. 25c.



Strobilanthes isophyllus.

Royal Palm Nurseries, Oneco, Florida.

C. elegans. Flowers rose-pink and carmine. Very choice. 25c.

C. nocturnum. Night Blooming Jessamine. Small greenish-yellow flowers, over-poweringly fragrant. 15c, \$1.50 per doz.; larger, 25c and 35c.

CHALCAS paniculata. (Murraya exotica). Orange Jessamine. A grand shrub; leaves compound; flowers resembling orange blossoms, coming several times a year. Very useful to the florist and for hedges. 10c, \$1.00 per doz.; larger, 15c, \$1.50 per doz.; strong stock, 25c, \$2.50 per doz.

CLERODENDRUM foetidum. A small shrub with opposite, coarsely-toothed leaves and lilac-purple flowers borne in dense capitate corymbs. From China. 25c.

C. kaempferii. Orange scarlet flowers; exceedingly brilliant and larger individually than the bloom of *C. squamatum*. 25c and 35c.

C. siphonanthus. "Turk's Turban." A plant growing about 6 ft. high from underground runners; foliage dark-green; flowers in terminal

lar flowers, continually borne, scarlet and yellow in color. Quite showy. 15c, \$1.50 per doz.

DAEDALACANTHUS nervosus. (Eranthemum pulchellum). Grows about 4 ft. high; dark blue flowers in spikes; produced in winter. 15c, \$1.50 per doz.; larger, 25c, \$2.50 per doz.

DATURA arborea. Horn of Plenty. Shrub, with large light-green leaves and immense white tubular flowers, fragrant, opening at night. 15c, \$1.50 per doz.

DURANTA repens (plumieri). Golden Dewdrop. Delicate lilac flowers in racemes followed by closely set yellow berries which hang on for a long time, and are very ornamental. 1 yr. 15c, \$1.50 per doz.; 2 yr. 25c, \$2.50 per doz.

ERYTHRINA poeppigiana. New introduction. 50c.

E. species. One of the "Coral Trees." 50c. See Department III for another species.

GLYCOSMIS pentaphylla. A near relative of the orange, with broad evergreen leaves of a glossy green; berries freely borne several times a year are about half an inch across, salmon-pink in color and are sometimes eaten and preserved. 20c, \$2.00 per doz.; 3 yr. 50c; 4 yr., bearing size, 75c.

GUILANDINA bonduc. The Nicker Bean. 25c.

HAMELIA erecta. (patens.) Shrub, orange-red flowers; foliage inclined to bronze shades. 25c.

H. sphaerocarpa. Flowers orange-yellow. 25c.

HIBISCUS rosa-sinensis. Chinese Hibiscus. Very valuable shrubs for warm regions, and especially so for South Florida, as well as for conservatories. The plant is of quick growth with shining green leaves (evergreen) and most gorgeous large flowers blooming all the year around. In Florida we find them very satisfactory shrubs even where the tops are cut back by cold weather, as the strong shoots which come from the roots in spring are soon covered with flowers. They are all easily grown, floriferous and cheap. The single flowers are 4 or 5

inches across; the double about 4 inches. We are pleased to offer this year a set of grand new varieties, of unusual merit. Nothing new in this line has been offered for years, and all who have seen these plants in flower were delighted at the exquisite coloring. See varieties named after the Muses, below.

Chio. An unusually small flower, not over 2½ inches across, rich pink, with faint whitish nerves above, and crimson margins shading very prominently into white beneath. Flower single. 25c, \$2.50 per doz.; extra large at 35c and 50c.

Euterpe. (This variety introduced by us several years ago, but not named, and sold as "Single Salmon.") A large single flower, the broad petals yellow with small reddish veins, shading through a delicate violet into the intense red center. Yellow beneath with prominent veins, shading into white towards the calyx. Leaves delicately veined and rather small. General effect of flower is salmon; profuse bloomer. Strong stock 15c, \$1.50 per doz.; larger 25c, \$2.50 per doz.; extra large 35c and 50c.



Tabernaemontana sp. cashmere.

racemes on the branchless plants followed by dark blue-green fruits, the weight of which pulls the tips over gracefully; fruit is set off with red stems and foliage. 25c, \$2.50 per doz.

C. squamatum. A rapid-growing plant with broad green leaves and terminal clusters of bright red flowers freely produced. Fine plants, 15c, \$1.50 per doz.

CORDIA nitida. A large shrub or small tree, from Porto Rico. The flowers are greenish-white and berries cherry red. Foliage evergreen. 25c, \$2.50 per doz.

C. sebestena. Sebesten Plum, or Geiger Tree. A very beautiful shrub or small tree, with large rough leaves, and immense flaming trusses of flowers. 50c.

CROSSANDRA undulaefolia. A salmon-yellow flowered shrubby plant; splendid new introduction. 35c.

CUPHEA micropetala. A shrubby plant from 3 to 4 ft. high; narrow, small leaves; small, tubu-

Royal Palm Nurseries, Oneco, Florida.

Melpomene. Large single flower, beautiful satiny pink, with darker pink nerves and deep crimson center. Petals colored half pale-yellow and half pale-pink on under side where the prominent nerves give it a crape-like appearance. Our most beautiful new variety. 50c, \$5.00 per doz.

Terpsichore. Medium-sized single flower, with crepe-like light-pink petals and numerous darker pink nerves with deep pink margins to the deep red centers; lighter beneath, stem brownish. 35c, \$3.50 per doz. Extra large, 50c.

Thalia. A single flower, with silky pink petals, and burnt sienna center, light pink and cream on reverse side; crape-like. Very dainty, 50c.

Urania. Large single flower, petals light salmon, with faint pink nerves, and lovely light-pink center. Lighter beneath and nerves prominent. Has a crape-like effect. 35c, \$3.50 per doz.

A set of above six sorts will be sent for \$2.00.

Carminatus perfectus. Very attractive, with wavy petals, carmine and crimson, with very dark red center. Single 35c, \$3.50 doz.

Double Pink. A very rich carmine pink flower of fine appearance, resembling a fine Paeony. This is one of our choicest sorts. Strong plants 15c, \$1.50 per doz.; larger 25c, \$2.50 per doz. Extra large 35c.

Double Scarlet. A deep scarlet-colored flower of most attractive appearance. The plant is not so rapid in growth as the single-flowered varieties, but is free blooming. 15c and 25c.

Grandiflorus. Very large single flowers, deep rose color. 25c and 50c.

Peachblow. A very beautiful double flower of a pale pink color, with dark center. 15c and 25c.

Schizopetalus. A small single flower with peculiarly cut and twisted petals, pinkish-red in general color. Flowers droop over gracefully. 25c.

Single Pink. Flowers pale pink of usual size, 4 to 5 inches across. 15c.

Single Scarlet. The most gorgeous sort we grow, with flaming flowers at all seasons. Strong stock 15c, \$1.50 per doz.; larger 25c, \$2.50 per doz.; extra large 35c.

Versicolor. Single light carmine-scarlet, shaded straw color and deep red in center. Strong stock 15c, \$1.50 per doz.; larger 25c, \$2.50 per doz.

White Wings. A new single flowered sort. When first open the flower is a very pale pink, which rapidly fades to white. Something very choice. 75c.

HUNTERIA zeylanica. (Tabernaemontana salicifolia.) A narrow-leaved plant, newly introduced by us. 25c, \$2.50 per doz.

IKORA amboinia. "Flame of the Woods." Dwarf shrub with broad evergreen leaves and showy orange-yellow flowers, which last a long time. 50c.

I. parviflora. Flowers small and white in crowded heads. A fine shrub. 35c.

I. splendens. 50c.

I. rhusifolia. Flowers orange-red. 50c.

JACOBINIA coccinea. Grows 4 feet high. A fine bedder, or a large shrubby specimen when grown singly, with deep scarlet flowers in spikes, blooming constantly. 10c, \$1.00 per doz.; larger 15c, \$1.50 per doz.

J. ghiesbreghtiana. Flowers yellow. Plant grows up to about 5 feet. 15c, \$1.50 per doz.

J. velutina. Dwarf plant, with heads of pink flowers. 25c.

JASMINUM sambac. "Grand Duke." A very double-flowered Jessamine; the blooms are frequently 2½ inches wide and intensely fragrant. Foliage is dark-green and shining. 25c.

J. sambac. "Maid of Orleans." Semi-double flowers, 1½ to 2 in. wide, very fragrant and constantly in flower. Fine. 25c.

JATROPHA multifida. Handsome plant with digitate leaves, finely divided, and bright red flowers. Grows to 6 or 8 feet. 35c.

KEAUSSIA floribunda. A new shrub from Natal, evergreen; the flowers are of peculiar structure, funnel-shaped and attractive. 50c.

LAGESTROEMIA flos-reginae. One of the rare Indian Crapemyrtles (tropical section) with enormous heads of mauve flowers. 50c.

L. parviflora. Newly introduced. 40c.

L. speciosa. Newly introduced. 50c.

LANTANA. A genus of very gorgeous shrubby plants, all of which grow to perfection in Florida, on almost any kind of soil. If frozen back they come up from the roots better than ever, and are soon in flower.

Pink-and-Yellow. 10c, \$1.00 per doz.; large 20c, \$2.00 per doz.

Orange-and-Lemon. 10c, \$1.00 per doz.; large 20c, \$2.00 per doz.

White, Lemon Eye. 10c, \$1.00 per doz.

Purple Trailing. This sort is adapted to window boxes, vases, or sloping banks. 10c, \$1.00 per doz.

LEEA sambucina. A shrub or small tree with pinnate leaves, each 3½ by 4 feet. Flowers greenish-white. New. \$1.00.

MABA natalensis. A broad-leaved shrub of dense habit, from South Africa. Evergreen. Produces quantities of shining black berries in large bunches, which are persistent. 50c.



Tabernaemontana coronaria fl. pl.

Royal Palm Nurseries, Oneco, Florida.

MALPIGHIA coccigera. Handsome holly-like little shrub, with red seeds. Fine for a dwarf hedge. 35c and 50c.

MALVAVISCUS malvaviscus. (Achania.) A shrubby plant, blooming when small. Foliage green, broad and attractive. Flowers bright scarlet. Freely produced. 15c.

MUEHLENBECKIA platyclados. A remarkable straggling shrub from Solomon Islands, with flat branches, and stems for leaves. 35c.

OXYANTHUS pyramidalis. Related to Gardenia; with large, glossy leaves and elegant flowers in racemes. 50c and \$1.00.

PITOSPORUM viridiflorum. Flowers greenish-yellow, jessamine scented. 25c.

PLUMBAGO capensis. Flowers sky-blue, constantly in bloom. Charming old plant. 25c.

PSYCHOTRIA capensis. Evergreen shrub (or small tree) with oblong-oval glossy leaves 3 to 5 inches long by 1½ to 2 inches wide, and small yellow tubular flowers. 50c.

PUTRANJIVA roxburghii. Indian Amulet Plant. Shrub or small tree. Leaves 2 or 3 in. long, ovate, serrulate. Flowers small and yellow. \$1.00.

RENEALMIA species Porto Rico. Related to Alpina. Flowers yellowish in scarlet bracts which remain indefinitely. 25c, \$2.50 per doz.

SAINTPAULIA ionantha. "African Violet." A very small, but pretty plant with blue flowers. 25c, \$2.50 per doz.

STENOLOBIMUM stans. (Tecoma stans.) Yellow Elder. A glorious shrub, or small tree, with compound leaves and great terminal trusses of golden yellow sweet-scented, tubular flowers, produced in autumn. Delights in deep, yellow, well drained soil. 15c, \$1.50 per doz. Larger 25c, \$2.50 per doz.

S. stans. var. sambucifolia. A splendid variety of the type with distinct foliage, and a habit of blooming at almost any time of year. This is especially valuable for the lawns of our winter residents, as it flowers freely in early spring as well as at other times. 15c, \$1.50 per doz.; larger 25c, \$2.50 per doz.

S. velutina. Foliage broader and heavier than stans, flowers more of a brownish yellow, but equally fragrant. 25c, \$2.50 per doz.

STROBILANTHES anisophyllus. A small bush with narrow leaves producing countless light-blue flowers in very early spring. A fine pot plant also. 15c, 25c and 35c.

S. isophyllus. Not so bushy as the preceding, but bearing constantly, single purplish-blue flowers about 1¼ inches across. 15c, \$1.50 per doz. Larger 25c.

TABERNAEMONTANA coronaria, fl. pl. Crape Jessamine, or Rose Bay. Large pure white, scented double flowers produced at intervals. Leaves glossy, broad, evergreen. Makes a fine ornamental hedge, not defensive. Nice plants 15c, \$1.50 per doz.; larger, of a flowering size, 25c, \$2.50 per doz.; a few larger at 35c and 50c.

T. "grandifolia." A heavier plant than the preceding, equally fine, at same prices. 15c, 25c and 35c.

T. species Cashmere. A beautiful shrub, flowering constantly. The blooms are single white, with a yellow dot in the centers, about two inches across, not scented. 15c, 25c and 35c.

THEVETIA nerifolia. Trumpet Flower. Flowers bell-shaped, yellow or salmon, about two inches across. Foliage long and very narrow. A fine large shrub. The seeds are known by sailors as "lucky seeds," and the fruit as "Tiger Apples." This will stand some frost. Fine plants 25c.

THUNBERGIA erecta. (Meyenia.) Gloxinia-like flowers of the brightest blue, two inches across, flowering almost constantly. Very fine. Large plants 15c and 25c.

T. erecta alba. Flowers white with yellow throat. 25c.

TIBOUCHINA semidecandra. (Lasiandra.) A magnificent shrub with leaves like velvet, and flowers of most gorgeous royal purple, 2½ in. across. 35c, \$3.50 per doz.

TODDALIA lanceolata. An erect shrub of 5 to 8 feet, from Mauritius, with trifoliate leaves. White flowers in large panicles in May. 50c, \$5.00 per doz.

TRIPHASIA monophylla. From Timor. Berries black, and leaves simple; the flowers inconspicuous. A dwarf shrub, related to the orange tribe, of considerable interest; standing some frost, and makes a fine low hedge. Very small plants 5c, 50c per doz., \$3.00 per 100. Larger 15c and 25c.

TURRAEA heterophylla. Newly introduced from India. \$1.00.

WARNERIA thunbergia. (Gardenia thunbergia.) A very dense shrub growing up to 8 ft. Rather small, pointed leaves; flowers single, pure white, about 4 inches across. 50c, \$5.00 per doz.

Collection TS. Five plants from this section, our choice, sent postpaid, for 50c.

Collection TSI. Ten plants, our choice, some rare species, sent postpaid, for \$1.00.

TESTIMONIALS FROM THE NORTH.

Cincinnati, O., Feb., 1914.—"Of all the palms I got from you I have had the grandest success. "I have very near all that you list and must say that I have bought plants from very near all mail order florists in the U. S. but none can compare with you for giving good big fine plants for the money."

HENRY SCHMIDT,
McMICKEN AVE.

Valatie, N. Y., Jan., 1914.—"The large package came yesterday in the most perfect condition; there is not a leaf broken or marred, and the palms are beauties. Many thanks for the very generous way in which you filled my order."

WALTER P. JACKSON.

Booth, Maine, Dec., 1913.—"Plants received today in first-class order."

GRACE A. SYDLEMAN.

Sedalia, Mo., May, 1914.—"Plants arrived all O. K. Thanks for extras. I will send another order later."

W. F. MASON.

Sea Cliff, L. I., N. Y., April, 1914.—"The palms got here safely and in good shape. In December I will be in Florida again and give you some different orders."

BALDWIN PALMER.

Royal Palm Nurseries, Oneco, Florida



Hardy and Half-Hardy Flowering Plants and Shrubs



SPECIAL NOTICE—Those marked *P.* are pot-grown and may be transplanted at any time; the others should only be set in cool weather—say from November till March.

Such as will stand the winters of the lower South without injury, or, if damaged by freezes, will come up again in the spring vigorously.

Subjects that will flower in winter or very early spring: *Acacia*, *Azalea*, *Camellia*, *Jasminum*, *Laurocerasus*, *Michelia*, *Osmanthus*, *Roses*, *Tetrapanax*, *Chionanthus*, etc.

ABELIA grandiflora. A very satisfactory evergreen shrub with long willowy growth. Foliage turns a pretty metallic bronze in winter. Flowers

tubular, white with pink base, delicately scented, freely produced in clusters from April to November. Fine plants 35c and 50c.

ACACIA farnesiana. P. The well-known *Popinac* of South Florida coast. A thorny shrub or small tree, with delicate pinnate leaves and balls of yellow flowers exceedingly fragrant. Very graceful in outline and does well near salt water. 15c, \$1.50 per doz.

AZALEA indica. P. The well-known *Indian* or *Chinese Azalea*, grown so largely for Easter decorations. The single varieties do well in Florida when planted in a springy, moist place, using peat, muck or leaf mould mixed in the soil. Never allow Azaleas to dry out at the roots. We have both single and double flowered sorts; nice clean stock, a foot high, at 65c, \$6.50 per doz.; larger specimens, trained in globular form about 12 to 14 inches across which will be mass of bloom in spring, at \$2.00. Colors range from white and pale purple through pink, to a good carmine red.

BERBERIS aquifolium. Mahonia, or *Oregon Grape*. A handsome ornamental shrub with evergreen, spiny-toothed leaves, beautifully cut. Flowers yellow, appearing very early. Berries blue or black. Nice stock, 2 yrs. 25c, \$2.50 per doz.

B. japonica. *Japanese Barberry*. Like the preceding, prefers partial shade. Leaves broad, with 5 pairs of leaflets. Flowers yellow; berries dark purple. A splendid shrub. 2 yrs. 25c, \$2.50 per doz.

BUTNERIA florida. (*Calycanthus florida*). *Sweet Shrub*. Deciduous. 2 yr. 15c, \$1.50 doz.

BUXUS sempervirens. P. *Dwarf Tree Box*. Used for edging or dwarf hedges. Nice plants, 15c, \$1.50 per doz., \$10.00 per 100. Stronger 25c, \$2.50 per doz.

CALLICARPA americana. "*French Mulberry*." A native shrub with deciduous leaves, and dense clusters of purple berries which hang persistently for months. 25c, \$2.50 per doz.

CAMELLIA japonica. P. The magnificent *Camellia* (or commonly called "*Japonica*"), so well



Jasminum primulinum, with Climbing Rose.

Royal Palm Nurseries, Oneco, Florida.

known over the South. Flowers in winter and early spring. Fine, imported, bushy plants, very strong, 15 to 20 inches high; double white and a variety of colored sorts, \$1.00 to \$1.50. Smaller stock 12 to 15 inches high, 65c, \$6.50 per doz.

CHIONANTHUS virginica. White Fringe Tree. A large shrub with masses of delicate white flowers in early spring. Deciduous. 2 yr. 15c, \$1.50 per doz.

COPEOSMA baneri. P. A beautiful dense evergreen shrub with broad leaves and red ornamental fruits. Does well in Florida. 50c, \$5.00 per doz.

ELAEAGNUS in variety. Very desirable shrubs. See Department II.

E. pungens maculata. P. Golden Leaved Oleaster. Broad-leaved shrub; foliage beautifully blotched golden yellow. Fruit ripening in early spring is like cranberries and quite desirable. Strong stock 50c, \$5.00 per doz.

HIBISCUS syriacus. The Althaea, or Rose of Sharon. A hardy deciduous shrub, with handsome flowers in many shades of color, coming in late summer and autumn freely. The following choicest varieties are strong grafted stock. 2 yr. roots, 25c, \$2.50 per doz.

Rubra plena. Double red.

Amplissima. Double light pink.

Jeanne d'Arc. Double white.

Violacea semi-plena. Double rose purple.

Totus-albus. Single white.

HYDRANGEA hortensis. P. New French hydrangeas in several sorts, white, mauve, blue, etc. 50c, \$5.00 per doz.

H. otaksa. P. Flowers in very large, round heads pink or blue, according to soil! 25c. Large bushy plants, \$1.00 and \$1.50.

H. Red Branched. P. Flowers much like preceding, and variable, usually blue in our sandy soil. Stems a dull, dark red. 25c.

H. Jeanne d'Arc. P. A pure white-flowered sort, like the old variety Thomas Hogg. 25c and 35c.

ILLICIAM arietatum. P. East Indian Anise. A handsome broad-leaved evergreen with fragrant foliage (when bruised). Strong plants 50c, \$5.00 per doz.

JASMINUM beesianum. P. We take pleasure in offering for the first time in America this splendid novelty introduced from China by Bees Ltd., of England. A comparatively hardy shrub, of a scandent nature, something like *J. primulinum* in habit of quick growth. The flowers are freely borne, fragrant, and are of a bright cherry red, the only red jasmine ever known. 1 yr. 35c, \$3.50 per doz.; 2 yr. 50c, \$5.00 per doz.

J. humile. P. A hardy, yellow-flowering shrub of large size. Very valuable. The scented flowers in clusters come in early spring. 25c.

J. nudiflorum. Naked-flowered Jasmine. A hardy drooping shrub with dark green divided leaves. Flowers

bright yellow, produced freely in winter. Hardy as far North as New York. Fine plants 15c, \$1.50 per doz.; larger 25c, \$2.50 per doz.

J. primulinum. P. A new species; foliage small and pretty; flowers yellow, as large as a half-dollar, opening flat, scented, blooming in long sprays in winter, and keeping when cut, in water, indefinitely. An exceedingly valuable small shrub. 15c, \$1.50 per doz.; better at 25c, \$2.50 per doz.

LAGERSTROEMIA indica. Crape Myrtle. Too much cannot be said in praise of this beautiful deciduous Indian shrub. The masses of flowers are profusely borne from spring until autumn, on small as well as large plants. A splendid plant for bedding out in the North even, where it gives perfect satisfaction. Grand for hedges, single specimens or masses, in general Southern planting.

See Department X for tropical species lately introduced by us.

Carmine. Sometimes catalogued as "Crimson." An exceedingly bright colored flower (from the choicest plant out of a large lot of Indian seedlings of our importation dating from 1886) the general favorite. 2 yr., bushy, 15c, \$1.50 per doz.; \$10.00 per 100; 3 to 4 feet high, 30c, \$3.00 per doz., \$20.00 per 100; 4 to 6 ft. 50c, \$5.00 per doz., \$38.00 per 100; 6 to 7 ft. \$1.00, \$10.00 per doz.

Pink. The old-fashioned sort so generally grown around Southern homesteads. Same prices as preceding, and also a few very old specimens at \$2.00 to \$3.00 each.

Purple. A light purple flower, varying in shade with soil conditions. Blooms best in July and August. Same prices as on Carmine.

White. A weak grower and hence very scarce and expensive. Grafted stock, 35c and 50c.

LAUROCERASUS caroliniana. (Prunus caroliniana. P. Carolina Laurel Cherry. A splendid broad-leaved evergreen with small fragrant white flowers and black fruit. Fine for hedges and general planting. 1 yr. 10c, 85c per doz., \$5.00 per 100; 2 yr. 10 to 12 inches high, 15c, \$1.50 per doz.; 18 to 24 inches high, 25c, \$2.50 per doz.

LEONOTIS leonurus. P. Lion's Tail. A quick-growing, shrubby plant with soft foliage and



Border of Crape Myrtles.

Royal Palm Nurseries, Oneco, Florida.

queer, heavy tufted spikes of orange-yellow flowers. 25c.

LIGUSTRUM lucidum, P. One of the hardy Japanese privets with large leaves, which are thick, and ovate-lanceolate in shape. 35c.

L. amurense, Amoor River Privet. A white-flowered shrub, evergreen and hardy, used largely for hedges. 1 yr. 10c, \$1.00 per doz., \$6.50 per 100. Extra large 15c and 25c.

L. ovalifolium variegatum, P. This is variegated with yellow. A very fine evergreen suitable for large planting in many places. Large pot-grown stock 25c, \$2.50 per doz.; large, 4 ft., bushy, 50c, \$5.00 per doz.; extra strong, 75c.

METROSIDEROS floribunda, P. The Bottlebrush shrub of Australia. A splendid, hardy shrub for South Florida, evergreen, with attractive, bright red flowers which last some time in perfection. Does well on high soils in our lake region without irrigation. Imported plants of large size, \$1.50.

M. lilacina, P. A pleasing variety of above; flowers tinged with lilac. Home-grown plants about 1 ft. high, 75c.

MICHELIA fuscata. (Magnolia fuscata.) **P. Banana Shrub.** Fine, broad-leaved, hardy shrub. The brownish-yellow flowers are about 1 inch across, richly scented like ripe bananas, coming in spring. 35c and 50. Specimens about 2 ft. high, bushy, \$1.25.

MYRTUS communis, P. The Sweet Myrtle of Southern Europe. The foliage is very fragrant. Flowers are white, about 1 inch across. A splendid shrub for Florida. 35c, \$3.50 per doz.

NERIUM oleander. The famous Oleander. A splendid subject for tall hedges, masses, or single specimens in the Lower South, as well as for tubs at the North. Our collection is unequalled in the South. The following named sorts are the most hardy, standing much more freezing than the others: **Carneum**; **Frederick Guibert**, Prof. Durand, **Mme. Planchon**, Dr. Goffin, **Mons. Belaquier**, **Savort**, **Single White**, **Mme. Peyre**, **De Brun**, **Mrs. Geo. Roeding**. An exceptionally tender sort is **Single Pink**.

Write for special rates on quantity for hedge purposes, or for extra large specimens.

Atropurpureum plenum. Double, purplish-crimson, with occasional narrow white stripes. The deepest red of any sort. 25c, \$2.50 per doz.

Carneum. Single; flesh with pink lines in throat; very floriferous. 1 yr. 10 to 20 inches high, 15c, \$1.50 per doz.; 2 yr. 25c, \$2.50 per doz.; 3 yr., 35c, \$3.50 per doz.

DeBrun. Double deep crimson, slightly lighter in color and larger in size than **Atropurpureum plenum**. Very choice, 35c.

Dr. Goffin. Magnificent single flower; white inclining to pink, center streaked light crimson. New. 25c.

Frederick Guibert. Single flower; light pink with crimson throat. 1 and 2 yr. sizes, same prices as **Carneum**.

Gilbert Brevay. A very fine small to medium flower of a pale pink, double. 1 and 2 yr. priced as **Carneum**.

Henry Mares. Double, light-pink, shaded carmine outside. Very fragrant and floriferous. New. 25c.

Lillian Henderson. Pure white, double, medium sized flowers. 1 yr. 15c, \$1.50 per doz.

Madonna grandiflora. Pure white, double, large sized, very fragrant. The best of the double whites. 1 yr. 15c, \$1.50 per doz.

Madame Chas. Baltet. Semi-double, blush-pink, shaded carmine; not fragrant. New. 25c.

Madame Dubois. Single, pure white, faintly fragrant. A free bloomer. New. 25c.

Madame Peyre. Double, creamy yellow, with darker center, usually of a pink tinge. 25c, \$2.50 per doz.

Madame Peuch. Semi-double, soft rose color. Fine. 25c.

Madame Planchon. "Semi-double, rosy-lilac." New. 1 yr. 25c, \$2.50 per doz.; 2 yr. 35c, \$3.50 per doz.

Madame Sahut. Semi-double, rosy-carmine, striped white. 25c.

Monsieur Belaquier. Soft pink, single; large flower. 1 yr. 25c, \$2.50 per doz.; 2 yr. 35c, \$3.50 per doz.

Mrs. George Roeding. Superb, double salmon-pink, center more yellowish; petals fringed slightly. 35c.

Notaire Cavalliere. Single red, not fragrant. New. 35c.

Professor Durand. Double, creamy yellow; small flower; not fragrant. 35c.

Savort. Double, small flower, pale pink; very fine. A strong upright grower; hardy and desirable. Sizes and prices same as **Carneum**.

Single Cream. Flowers rather small. Sizes and prices same as **Carneum**.

Single Pink. Shell-pink color; very large trusses; scented. A grand sort. 1 yr. 15c, \$1.50 per doz.

Single White. A most hardy sort, blooming very profusely. Fine. The old reliable common variety. 1 and 2 yr., priced as **Carneum**.

Souvenir de Felix Duval. Semi-double, soft rose-pink. 1 and 2 yr., priced as **Carneum**.

Splendens. The old-fashioned, double-pink variety. Splendid large flower, sweet-scented. 1 and 2 yr., priced as **Carneum**.



Climbing Roses.

Royal Palm Nurseries, Oneco, Florida.

Splendens variegatum. Flowers double pink; foliage white and green; very attractive. 1 yr., 25c.

OSMANTHUS fragrans. (*Olea fragrans*.) **Sweet Olive.** Broad-leaved, hardy evergreen, with tiny flowers of exquisite perfume, coming in winter and spring. 50c and 75c.

PITTOSPORUM tobira. **P.** Well-known Japanese evergreen, with creamy flowers in March. Used largely in hedges, masses and clipped, trained specimens. 25c, \$2.50 per doz.

F. tobira variegata. **P.** A rare form, the foliage silvery and white, very attractive. 35c, \$3.50 per doz.

PONCIRUS trifoliata. (*Citrus trifoliata*.) This hardy member of the orange tribe is well worth growing as far North as the Great Lakes for its wealth of flowers, and green twigs in winter. 1 to 2 ft. 10c, \$1.00 per doz.; 2 to 4 ft. 20c, \$2.00 per doz.; 4 to 6 ft. 35c, \$3.00 per doz.

RAPHIOLEPS japonica. (*R. ovata*.) **P.** Broad-leaved, dwarf shrub with trusses of pink or white flowers. Does well on high land in Florida generally. 25c and 35c.

RHODYMYRTUS tomentosus. **P.** A semi-hardy shrub of great value for South Florida, growing freely on almost any soil, especially wet flat-woods. Leaves broad and evergreen; flowers bright lilac rose about an inch and a half across, freely produced. The fruit is edible, but not especially valuable, being too sweet and seedy. 1 yr. plants 15c, \$1.50 per doz.

THE ROSE is at home in the South, where we can produce flowers of all kinds nearly the year around. Here in Florida there is not a day in the year but some roses may be gathered, but **high culture** must be followed; fertilizer should be applied three to six times per year and the soil **kept moist for two feet deep constantly.** Enough pruning in the climbers and teas should be done to keep them free from old wood. Most of our plants are grafted or budded on Manetti stocks. Set roses deep and don't allow sprouts from the roots to choke out the weak growers. Transplant roses preferably in November, December or January—never in the hot, wet, summer season.

Climbing roses here listed need not necessarily be trained as climbers. By keeping in bush form with judicious pruning you will find them more floriferous and satisfactory than most "bush" roses.

Price, except where noted, of fine two-year grafts (few on own root), at 40c, \$4.00 per doz.

Agrippina. Bengal. Rich scarlet always in flower.

Anemone. The Pink Cherokee, one of our introductions from England a few years ago. Flowers a beautiful shade of light pink, with a satiny sheen. This is a vigorous climber.

Fessie Brown. Hyb. Tea. A very large, full flower, white, or tinted pink; petals large, shell-shaped.

Bon Silene. Tea. An old favorite. Deep carmine crimson buds; open flower pink.

Catherine Mermet. Tea. Long pointed buds, delicate pink.

Cherokee. A very vigorous climber, useful for hedges, etc. Flowers freely produced in early spring, single pure white. Strong roots from layers, 25c, \$2.50 per doz.; \$18.00 per 100.

Chromatella, or Cloth of Gold. Noisette. Deep yellow, large flowers.

Climbing Bridesmaid. Tea. Very rich pink flowers, especially fine for vases or for other cut-flower work. A grand sort.

Climbing Devoniensis. Tea. The famous Magnolia Rose. Creamy-white, tinged blush. The bush *Devoniensis* also in stock.

Duchess de Brabant. Tea. Shell-pink shaded carmine. A splendid, free-flowering, vigorous sort.

Helen Gould. Hyb. Tea. A very beautiful crimson; long pointed buds.

Isabella Sprunt. Tea. Creamy-yellow, semi-double with pointed buds.

James Sprunt. Bengal. Splendid climber, with very full, cherry-red flowers.

Killarney. Hyb. Tea. Fine pink flowers, with long pointed buds.

Lamarque. Noisette. A vigorous climber, white, sulphur-yellow center. Fine.

Louis Phillippe. Bengal. A good, thrifty rose. Crimson, with long stems.

Mme. Cecil Berthod. Tea. A grand deep yellow rose, beautiful in both bud and flower.

Mme. de Watteville. Tea. General color a creamy white, bordered a bright pink. Large, beautiful and fragrant.

Mme. Francisca Kruger. Tea. Pink, center suffused with pale yellow. Very double and free-flowering. Fine.

Mme. Lambard. Tea. Buds rich deep pink, the open flower changing to light shades. Very vigorous.

Macartney. A rampant climbing rose with small evergreen leaves; flowers large, single, pure white like the Cherokee. Makes an impenetrable hedge. 1 yr. 15c, \$1.50 per doz; \$10.00 per 100.

Maman Cochet. Tea. A very choice rose; style like bridesmaid. Pink, with suffusion of yellow at base of petals.

Marechal Niel. Noisette. The great favorite in the South. Rich yellow.

Marie Van Houtte. Tea. Pale-yellow, tinged rose. Very vigorous. Flowers large, with pointed buds.

Minnie Frances. Tea. Might be called an improved Bon Silene. Very fine deep pink rose; vigorous; splendid rose for Florida.

Papa Gontier. Tea. Very bright reddish-crimson flowers; fine in bud.

President Cleveland. Climbing Tea. A splendid climber; flowers pure white; perfect form.

Ramona. The new Red Cherokee, a magnificent production of South California. This is a sport from Anemone, of the same type, but with splendid carmine-crimson flowers. This will be undoubtedly a splendid acquisition for Florida planting, as the parent stock is so well adapted to our sandy soils. 1 yr. plants 75c.

Reine Marie Henriette. Climbing Tea. An old favorite. Rich rose, center reddish-crimson, or cerise.

Reve d'Or. Noisette. Buff-yellow and saffron. Fine climber.

Safrano. Tea. Saffron and apricot-yellow; large, semi-double. Very beautiful, especially in bud.

Solfaterre. Noisette. Pale yellow flowers, freely produced. Plant is a strong climber like Marechal Niel.

Virginia R. Coxe. (Gruss an Teplitz.) Hyb. Tea. The reddest of all red roses. Medium double flowers of fair size.

White Maman Cochet. Tea. A pure white form of this splendid rose.

Winnie Davis. Tea. Color apricot-pink, shading to pale pink at base of petals. Buds well formed.

SAURURUS chinensis. (*S. cernuus*.) A native plant growing on low wet land or in edge of swamps, having racemes of white sweet-scented flowers with drooping tips, in spring. Commonly called "Lizard's Tail." 15c, \$1.00 per doz.

SESBANIA punicea. (*Daubentonia*.) A leguminous shrub allied to *Caesalpinia*, of very quick growth. Leaves compound, deciduous; flowers orange-scarlet, freely borne during most of the warm weather. 15c, \$1.50 per doz.

SPIRAEA cantoniensis. (*S. reevesii*.) **Bridal Wreath.** Well-known, hardy, deciduous shrub, flowering in the spring. 1 yr. 15c, \$1.50 per doz.; 2 yr. 25c, \$2.50 per doz.

Royal Palm Nurseries, Oneco, Florida.

S. van houttei. Resembles *reevesii*, but has prettier foliage. An exceedingly fine and graceful shrub which should be freely planted all over the U. S. Hardy and very free-flowering. 2 yr. 25c, \$2.50 per doz.

TETRAPANAX papyrifera. (*Aralia papyrifera*.) **P. Rice Paper Plant** of China. The large leaves are palmate, silvery on under side and exceedingly handsome. The plant grows upright like a palm, seldom branching, to a height of 8 or 12 feet, and in autumn throws out long feathery spikes of

bloom several feet in length. The flowers are white and small, but borne in myriads, and create a beautiful show. The tops stand some frost, but the roots are hardy well up into the Carolinas, and send up fine growths every spring if cut back by frost. 25c, \$2.50 per doz.

WARNERIA augusta. (*Gardenia florida*.) **P. Gardenia or Cape Jessamine.** A splendid broad-leaved evergreen shrub, with very chaste, snowy-white flowers, which are exceedingly fragrant. 15c and 35c.



Tropical and Sub-Tropical Vines and Creepers



SPECIAL NOTICE—Plants in this department are pot-grown and may be transplanted at any time of year.

Suitable for the greenhouse, living room, warm offices, the tropics and the extreme lower South, where slight protection may be necessary. All need a wire or other support except **Bignonias**, which will cling to any solid support; **Bignonia a. v.** especially is fine for covering brick or stone walls.

ABRUS precatorius. Crab's Eye Vine, or Weather Plant. Delicate pinnate leaves; small flowers in bunches followed by beautiful scarlet and black beans which are highly decorative. 10c, \$1.00 per doz.

ALLAMANDA cathartica hendersonii. One of the most gorgeous tropical plants grown in Florida; may be trained either as a vine or shrub, and will grow well up into the southern edge of our Gulf States, as the loss of top by frost is very quickly remedied by a few weeks of spring weather. Glossy green broad leaves, flowers constantly produced four to five inches across, pure golden yellow. 25c, \$2.50 per doz.

A. c. williamsii. This is similar to preceding species, except in size of flower, which is only about three inches across, and sometimes a trifle fragrant. Exceedingly floriferous. 25c, \$2.50 per doz.

ANTIQUON leptopus. The **Rosa de Montana** of Mexico. A beautiful vine with heart-shaped leaves bearing great racemes of rose-pink flowers for most of the year in Florida. Roots tuberous. A great flower for bees. Fine plants 1 yr. 15c, \$1.50 per doz.

ARISTOLOCHIA elegans. A rather dwarf plant, fine for small screens, etc. Flowers purple, blotched and waved with

creamy white. Sometimes called "**Dutchman's Pipe Vine**." 15c.

A. floribunda. Tall climber, very vigorous. Long pointed leaves and purplish-red flowers, with yellow centers. 15c, \$1.50 per doz.

A. odoratissima. New to us, but very promising. 15c, \$1.50 per doz.

BAUHINIA vahlii. A gigantic creeper from India \$1.50.

BIGNONIA argyreo virescens. A very delicate-appearing creeper which permanently attaches itself to any support. Pointed, evergreen leaves, tinged and purple-veined when young. 25c, \$2.50 per doz.

B. buccinatoria. A very rare species from Mexico, partly hardy here, and of exceptionally strong growth. Evergreen. Flowers about 2½ inches across, or larger, a rich shade of blood red. \$1.00.

B. venusta. See **Pyrostegia**.

BOUGAINVILLEA glabra sanderiana. Paper Flower. A very conspicuous plant with masses of purple flowers, usually in winter and spring, but showing some bloom most of the year. May be grown as a vine, or shrub, or small tree by training. 35c, \$3.50 per doz. Larger 50c, \$1.50 and \$2.50.

B. spectabilis. This has flowers of a deeper shade of purple than the preceding, but



Bougainvillea glabra sanderiana

Royal Palm Nurseries, Oneco, Florida.

requires several years' growth before blooming. 50c.

B. spectabilis lateritia. Flowers of this very rare sort are of a brick-red color. \$2.50.

CHLOROCODON whitei. A broad-leaved vine of vigorous growth from Natal. The leaves are often 10 inches long, broadly oval-oblong. Flowers very queer shape, $\frac{3}{4}$ inch across, pale green with purple segments. 25c.

CLERODENDRUM thomsonae. (C. balfourii.) Quick growing; of unusual merit; flowers bright scarlet, enclosed partly in a bag-like calyx of pure white. The flowers last for many weeks and are produced in quantity. 25c, \$2.50 per doz.

C. t. delicatum. Like the preceding, except that the calyx is greenish, instead of white, and turns a reddish bronze with age. 15c and 25c.

CRYPTOSTEGIA grandiflora. A free growing evergreen vine, bearing clusters of light purple flowers about 2 inches across, resembling the Allamanda. 50c.

C. madagascariensis. A new and rare introduction. \$1.00.

DEGUELIA timoriensis. A very vigorous vine from Timor bearing long spires of pure white, sweet-scented flowers in enormous profusion in summer and autumn. 15c, \$1.50 per doz.

DIOSCOREA sp. Air Potato. Rampant grower, suitable for porches, or where a quick cover is desired. Leaves large, glossy green, strongly nerved. 25c, \$2.50 per doz.

D. sativa. (D. versicolor.) A very rapid climber with velvety chocolate colored, heart-shaped leaves with a broad silver-white stripe in the center. Often the whole leaf is marbled with silvery-gray. Under sides of leaves a rich purple. 50c, \$5.00 per doz.

IPOMOEA sidaefolia. The "Christmas Vine." A superb white morning-glory, blooming in winter. The flowers are borne in the most enormous quantity, fairly smothering the plant for a time. A very beautiful perennial of quick growth. 15c, \$1.50 per doz.

I. species. A splendid yellow flower about 2 to 2 $\frac{1}{2}$ inches across, of clear golden yellow. 25c.

JACQUEMONTIA pentantha. A charming blue-flowered Morning-Glory, native of Florida Keys. Rather delicate vine, but very floriferous. 25c.

JASMINUM gracillimum. The Graceful Jessamine. Very distinct and graceful habit; pretty

foliage many clusters of good-sized starry-white flowers nearly always in bloom. First-class. Very strong plants 15c and 25c.

J. pubescens. Somewhat similar to gracillimum but larger in plant and with heavier flowers, which are freely produced. Of rapid growth. Strong plants 15c and 25c.

LETTESOMIA strigosa. (Argyrea capitata.) A very robust vine of the morning-glory family, with great heart-shaped leaves and superb pink, or mauve, flowers freely borne. These last all the morning in perfection, or all day if cloudy. Perennial. 15c, \$1.50 per doz.

PASSIFLORA alba. One of the Passion vines. Leaves five-nerved, three-lobed; flowers white. Of rapid growth. 20c, \$2.00 doz.

P. suberosa. Flowers greenish-yellow, the short crown purple at base. Leaves usually three-lobed. 20c, \$2.00 per doz.

P. variegata. Species unknown. Leaves beautifully variegated purple and green. 35c.

PETRAEA volubilis. The Queen's Wreath. This magnificent vine has been on our grounds for years, but is so very difficult of propagation that we have hitherto been unable to grow a stock of it. Leaves are of medium size, evergreen; harsh to the touch; flowers produced freely in long branched panicles, of an exquisite shade of blue, changing to lavender in age; these appear at intervals through the year. \$1.00, \$10.00 per doz.

PHILIBERTELLA clausa. A twining perennial, with glossy evergreen leaves, native on our Lower Keys. The flowers are pure white, very sweet-scented; borne in umbels. 25c.

PITHECOCTENIUM muricatum. Flowers of good size, white and cream-colored, in loose panicles—lovely. A very choice new plant which flowers in summer. 25c, \$2.50 per doz.

PYROSTEGIA venusta. (Bignonia venusta.) Flame-flower. A grand, tropical, trumpet creeper, growing on high trellises or trees up to 70 ft. or more, and producing countless tubular flowers of a bright orange-red in winter and spring, sometimes followed by a second crop in June, 25c, \$2.50 per doz.

QUISQUALIS indica. Rangoon Creeper. A strong evergreen grower with clusters of long, slender, star-shaped flowers of the richest fragrance, resembling the odor of ripe peaches. Flowers open white in morning and gradually turn a deep red before night. 75c.

SOLANUM guttata. The Chalice Vine. A rapid grower, with heavy broad foliage. Flowers yellow, very handsome, rather like the Allamanda, freely borne. 35c, \$3.50 per doz.

SOLANUM seafortianum. A medium-sized delicate vine with compound leaves and bunches of sky-blue flowers, which are followed by scarlet berries greatly liked by birds. Called in Mexico "Tomatillo." 15c, \$1.50 per doz. Larger 25c.

S. wendlandii. A very large vine with coarse pinnate leaves, but most elegant, lilac-blue, sometimes sky-blue, flowers borne in great clusters 10 to 15 inches across, and lasting well. 25c.

STEPHANOTIS floribunda. A famous vine with broad waxy leaves, and clusters of fragrant, pure-white flowers; very choice for conservatory, or for South Florida outdoors. 15c, \$1.50 per doz.

TECOMA capensis. This has



Clerodendrum thomsonae.

Royal Palm Nurseries, Oneco, Florida.

pretty pinnate leaves, and produces constantly an abundance of bright red, showy flowers. 25c.

T. jasminoides. Dark green waxy leaves, pinnate; flowers white and scarlet. 50c.

T. ricasolenia. (T. mackennii rosea.) Flowers larger than preceding, about 1½ inches wide, of a lilac-rose color. 50c.

THUNBERGIA fragrans. A perennial climber

with pure white, fragrant flowers about 2 inches across. 15c.

T. grandiflora. Flowers sky blue, about 2 to 3 inches across. 35c.

VALLARIS heynei. (V. dichotoma.) Leaves smooth, dark-green; flowers white. A quick-grower, with attractive appearance. 25c.



XIII HARDY AND HALF-HARDY VINES AND CREEPERS.

SPECIAL NOTICE—Those marked *P.* are pot-grown, the others in open ground, but all may be transplanted at any time of year except *Kraunthias* and *Tecoma radicans*; these are deciduous and should be moved in winter only. All others are evergreen.

Such as will stand the winters of the South with little or no injury. All need wire or other support except *Bignonia chamberlaynii*, *B. capreolata*, *E. unguis-cati*, *Euonymus radicans*, *Ficus pumila*, and *villosa*, *Hedera helix* and *Tecoma radicans*; these cling to any solid support and are ideal for covering brick, stone or cement-finished walls of buildings, lending a charming air to homes, churches, schools, or any buildings, robbing them of the forbidding, prison-like aspect of the usual modern structure.

BIGNONIA capreolata. (B. crucigera.) **Cross Vine.** A native plant with dark green foliage, and orange-red flowers. Clings to walls or tree trunks closely. 15c, \$1.50 per doz.

B. chamberlaynii. *P.* Very pretty vine, similar to *B. unguis-cati*, clinging to any support unaided. Flowers deeper yellow than *B. unguis-cati*, with very long brown seed pods. 15c, \$1.50 per doz.

B. speciosa. *P.* A magnificent vine, with glossy, dark leaves and great clusters of large, purplish, trumpet-shaped flowers blooming here from March to May. A fast grower. 1 yr. old 15c, \$1.50 per doz.

B. unguis-cati. (B. tweediana.) *P.* An elegant vine of delicate appearance, exceptionally fine for covering stone and brick houses — or wooden, if you choose — with splendid bright yellow flowers 2 inches across, in early spring. 10c, \$1.00 per doz.

CLEMATIS paniculata. *P.* A very vigorous creeper, almost smothering itself in bloom in summer. Flowers an inch

across, pure white, star-shaped, followed by feathery seed vessels, 2 yr. 15c, \$1.50 per doz.

EUONYMUS radicans. *P.* This has small green leaves which turn bronze in winter. Clings to any solid support unaided. 15c, \$1.50 per doz. Stronger 25c, \$2.50 per doz.

FICUS pumila. (F. repens.) *P.* A very small - leaved evergreen creeper which attaches itself to any solid object and is largely used in South Europe and California for covering walls of houses, which it does perfectly. Will stand considerable frost when grown on walls. 15c, \$1.50 per doz.

F. villosa. *P.* A stronger grower, with larger leaves than the preceding species, and perhaps not so hardy. 15c, \$1.50 per doz.

GELSEMIUM sempervirens. *Carolina Yellow Jessamine.* Winter blooming. Flowers are bell-shaped, pure yellow, fragrant. 15c, \$1.50 per doz.

HEDERA helix. *P.* True English Ivy. 15c, \$1.50 per doz.



Bignonia unguis-cati.

Royal Palm Nurseries, Oneco, Florida.



Pithecoctenium clematideum.

TECOMA radicans. (Bignonia.) The **Trumpet Creeper**, a hardy vine of the North, but found doing well in South Florida as well. The leaves are compound, deciduous; flowers in great clusters, orange-red, about 2 inches across. 20c, \$2.00 per doz.

TRACHELOSPERMUM jasminoides. **P.** "Star-jessamine." A splendid Chinese vine, with very dark-green waxy leaves of small size. Flowers borne only in spring, are produced in uncountable numbers; pure white, heavily fragrant, about $\frac{3}{4}$ inch wide. 25c, \$2.50 per doz.

T. j. variegatum. **P.** Leaves variegated with white and sometimes with pink. 35c.

JASMINUM officinale. **P.** (or *J. roetium.*) **Hardy Jessamine.** Small, dark-green leaves; fragrant white flowers of small size in summer. 25c.

KRAUNHIA brachybotrys rubra. (*Wistaria.*) A vine of easy growth with compound leaves and drooping spikes of rich, blue flowers produced all summer freely. Deciduous. 1 yr. 15c, \$1.50 per doz.; 2 yr. 25c, \$2.50 per doz.

K. chinensis. The **Chinese Wistaria.** Purplish-blue flowers. 35c, \$3.50 per doz.

K. chinensis alba. A pure white form of the Chinese Wistaria. 35c, \$3.50 per doz.

K. frutescens magnifica. A very floriferous form of the American Wistaria, with beautiful clustered racemes of lilac-purple flowers. 25c, \$2.50 per doz.

LONICERA sempervirens. **P.** **Coral Honeysuckle.** Broad-leaved hardy vine; flowers tubular, red and yellow. 20c, \$2.00 doz.

NINTOOA japonica. Hall's **Japan Honeysuckle.** A very strong grower, with handsome foliage, which turns a pleasing bronze in very cold weather. Fine for covering rocks, the ground, or for trellises, etc. The flowers are pure white, changing to creamy yellow, fragrant, and are almost ever-blooming. 1 yr. 15c, \$1.50 per doz.; 2 yr. 25c, \$2.50 per doz.

PASSIFLORA caerulea. **P.** A very beautiful hardy **Passion flower**, mostly blue. The flowers are faintly fragrant. Leaves 5 parted. Vigorous. 25c, \$2.50 per doz.

PITHECOCTENIUM clematideum. **P.** Pure white, spring bloomer. Foliage compound. 25c, \$2.50 per doz.

SALPICHRUA rhomboidea. **P.** An evergreen vine from Argentina. Leaves small; flowers white. New. 35c.

SMILAX. Our native evergreen "**Greenbrier**" or "**Bamboo Creeper**." Don't confound the name with the greenhouse vine, *Myrsiphyllum*. This hardy plant is prickly and bears quantities of black or green berries; the cut masses of vines are used in large decorations, being shipped from the South largely. Strong roots. 15c, \$1.00 doz.

MISCELLANEOUS TESTIMONIALS.

Casa Ysabel; Porto Rico, Dec., 1913.—"The balance of the plants were received yesterday and excepting *Acacia Suma*, are all in most excellent condition. Even the *Acacia* will probably live.

"I am most pleased that these plants should have reached me in such good condition—all due to your careful packing."
J. M. HUGHART.

Los Angeles, Cal., Dec., 1914.—"Nearly a week ago the first section of my plants arrived in the "very pink" of condition. On Friday last I received the balance in best trim. When I opened the package a friend was present, and when he was informed how many days the plants had been on the road he would not believe it until I convinced him. You should certainly receive first prize for packing, and also for growing such strong and healthy plants, etc."
FRED WALTERS.

Hollywood, Calif., Feb., 1914.—"The plants you sent came in wonderfully good condition considering the long time they were on the way and the hardships they evidently had to undergo in being "inspected." * * *

MRS. EMILY A. WILSON.

West Indies; Kingston, Jamaica, Nov., 1913.—"The mango and guava plants have arrived in excellent order."
N. HARRIS.

Supt. Hope Gardens.

Galesburg, Ill., June, 1914.—"I received plants Monday last, and as usual not only the stock but their condition was superb."
C. Z. NEISON.

TUBEROUS AND BULBOUS HERBACEOUS PLANTS

SPECIAL NOTICE—The best time to set this stock is in winter or early spring, although it would not be fatal to transplant at any time of year, except in a very few instances.

Explanation of the starring system.—*Those of a tropical nature, useful in frostless regions or for bedding out during summer at the North. ** Those of a semi-tropical nature, standing sharp frosts without serious damage. *** Hardy as far North as the Ohio River (or farther) in the open ground.

ALOCASIA macrorrhiza. * Plain green leaves of a very stiff appearance, reaching a large size. 25c.

A. macrorrhiza varegata. * Leaves variegated with white. Rare. 50c.

A. indica. (A. plumbea.) * Leaves metallic purplish green. Rare. 50c.

See **Xanthosoma** and **Colocasia** for allied plants.

AMARYLLIS. See **Hippeastrum**.

CALADIUM marmoratum. (Alocasia roezlii.) New green leaves with very numerous white blotches all over the surface. The leaves stand up and occasionally collect water, and it has been called "**Neptune's Cup**." 75c.

FANCY CALADIUMS. ** Splendid ornamental foliage dying down through the winter. Leaves arrow-shaped, marked with the brightest colors, red, green, yellow, purplish and sometimes almost a transparent white. No other plant possesses more richness or delicacy in coloring. Prefers a moist and half-shaded place with rich soil. They are grand house plants and fine for window boxes, etc. Our collection is one of the finest in this country.

Mixed Seedlings: Red or Pink Centers. 15c, \$1.50 per doz.

Mixed Seedlings: White or Flesh ground, with Gray Dots, etc. 15c, \$1.50 per doz.

Mixed from all Sorts. 20c, \$2.00 per doz.

New Lance-head hybrid. Very narrow leaves, greenish yellow, touched with red and brown; a dwarf sort. 25c, \$2.50 per doz.

Notice the Four Groups Following:—

FIRST GROUP: Price 25c each. \$2.50 per doz., assorted to suit.

Angostura. Deep transparent rose on a green ground, deep scarlet ribs. Large grower.

Bilontra. Green with large, beautiful, transparent violet centers.

Camamu. Glaring red center, creamy-white edge. Very delicate color.

Ceara. Cream-white ground with green gloss clouded olive, scattered white spots. New.

Coacoochee. Bright deep pink becoming almost pure white with green border.

Comtesse de Maille. Metallic green lustre, suffused with red, ribs red, edge green, spotted pink.

Dr. Wilhelm Miller. Red with a little green, finally attaining a very deep glowing pink color.

Dona Carmen de Macedo. Transparent rosy-red, green mid-rib, veins narrowly bordered by white.

Duc de Ratibor. Light green, pink ribs, with light spots.

Elsa. Changing from deep green to most intense deep pink, densely freckled crimson.

Hildegard Nehrling. Broad leaves, white clouded green, deep red mid-rib and main nerves. In half shade almost white, in full sun suffused deep pink.

Itacoatiara. A grand and very distinct Caladium with jet black stems and large green leaves, suffused rich pink; chocolate-brown ribs.

John Langwith. Green, with creamy-white spots.



Fancy Caladiums.

Royal Palm Nurseries, Oneco, Florida.

Maria Corcla. Something like Wightii. Rare.
Mrs. E. G. Uihlein. Light to deep pink; transparent; ribs and veins green.

Paraguassu. White with transparent very red spots. Strong grower; very fine.

Triomphe de l'Exposition. Leaves immense, brilliant red in center, deep red zone, green border.

Truce. White, with red ribs. The white is often suffused with pink. A gem.

Wightii. Large, glossy green, with pure white and scarlet spots; fine for massing. Vigorous.

SECOND GROUP: Price 35c each, \$3.50 per doz., assorted as desired.

Blanche Wise. Glossy white center, with large red spots, gray-white zone, green border.

D. M. Cook. Leaf crinkled; plum color center with golden yellow zone; heavily spotted deep red, green border.

Ernst Schmidt. White with green veins. Very fine.

Gerupeba. Creamy-white with red spots and few moss-green blotches; crimson ribs. Choice.

Hedwig Else Nehrling. Green, red mid-rib and white and red spots. New.

Hermione. Intensely vivid, rosy-red, with metallic reflections. One of the most gorgeous.

Joao Fernandez Viera. Vivid red center. Narrow yellow border.

Mrs. Jennie S. Perkins. Green, splashed crimson, clouded lighter red; very effective. Strong grower.

Pintado. Creamy white spots, red center, pink stems.

Sobral. Large white and pink semi-transparent spots, with green veins.

THIRD GROUP: Price 50c each, \$5.00 per doz., assorted to suit.

Amador Bueno. Mottled creamy and transparent white, deep green and light yellowish green; ribs like a small brownish star in center of the leaf.

Diego Flores. Green, transparent pink spots and blotches, covered yellowish-green.

Don Francisco de Souza. The green leaves are densely colored with large white glossy blotches.

Faceiro. Immense creamy white leaf clouded moss-green, blotched white.

Hofgartner Vetter. Glowing red, deep green border. Very striking and pink in color.

Pojuca. Transparent pink, narrow green ribs.

Putomayo. One of the grandest constantly varying from deep red to transparent pink, covered with large and thousands of small blood red spots. Ribs narrow green.

P. W. Reasoner. Immense leaves of cheerful light-green, profusely spotted snowy white. Mid-rib crimson-brown, a narrow light-green zone along ribs. Very distinct.

Sergipe. Deep transparent rosy red, narrow yellowish red ribs, narrow green border.

Sorocaba. Transparent silvery white suffused pink, green ribs and veins. Very beautiful.

Tocatins. Wavy; transparent rose, narrow green border, deep, glossy green ribs bordered with a thread-like golden yellow stripe.

FOURTH GROUP: Price 65c each, \$6.50 per doz., assorted to suit.

Bahia. Deep transparent claret-red, yellowish ribs and veins, most beautiful.

Diogo Botelho. Vivid red center, creamy yellow border. Very fine.



Bed of Cannas.

Royal Palm Nurseries, Oneco, Florida

Ella Wheeler Wilcox. Large leaves, creamy-yellow into green; large transparent white blotches; a few moss-green spots.

Frances M. Laughlin. Deep pink center, metallic narrow green border.

Gertrude Judd Smith. First leaves greenish, later white, transparent, with yellowish-green veins. The rolled up young leaves look like tissue paper.

Marian A. McAdow. Glowing red, very narrow green border, finest of red varieties.

Minna Hoffman. Transparent rose on creamy ground; narrow yellowish ribs and veins. Fine.

Mrs. Jessie M. Thayer. Velvety red, with deeper red ribs; narrow green border. Later changes to beautiful pink. This is one of the most exquisite sorts.

Rio de Janeiro. In Europe considered the most beautiful sort. Pink and rose transparent ground-color, veined white; a few yellow spots.

Taipu. Exquisite deep transparent claret-red center suffused with pink and white; green border flecked with white.

CANNAS. * * Splendid broad-leaved plants which give a tropical effect in bedding. One of the finest plants for general planting we know. Suitable for almost any and every place, no matter how limited. Their growth is so easy and flowers so freely produced that we wonder why they are not grown more widely. Rich soil, plenty of water and a sunny location are essential. After flowering, cut out each matured stalk to allow young suckers to come into blossom. Our collection embraces the best sorts, with both green and bronze foliage. All have exceedingly gorgeous flowers. **Strong roots without naming, mixed, all different, 85c per doz. (All started after March 1st.)**

GROUP I. Flowers with pink shades. Leaves green:

Mrs. Alfred F. Conard. A remarkable new variety; exquisite salmon-pink flowers of largest size in erect and very large heads, very freely produced. Grows about 4 ft. 30c, \$3.00 per doz.

Rosea Gigantea. Extra large individual blooms, borne in such abundance that the mass of color is amazing; petals frequently 2½ inches across; a rich deep rose pink, almost coral. Grows 4 to 5 ft. Carmine. 20c, \$2.00 per doz.

Venus. A very choice variety, delicately colored. The flowers are medium size, rosy pink, with a mottled border of light yellow. Grows about 3½ ft. tall. 20c, \$2.00 per doz.

Wawa. This grows about 3 ft. tall and has flowers of a new shade of soft pink. An immense bloomer. 15c, \$1.50 per doz.

GROUP II. Flowers with Red Shades. All have green foliage except Black Beauty, David Harum, Wyoming and Wm. Saunders, whose leaves are bronzed.

Black Beauty. Very dark, rich bronze foliage and splendid deep red flowers. A very fine sort growing 5 ft. tall. 15c, \$1.25 per doz.

Cinnabar. Cinnabar red, edged golden-yellow. Grows about 4½ ft. high. Fine. 15c, \$1.50 per doz.

David Harum. A new sort, having bronze foliage not too dark; flowers a pleasant orange-scarlet. Very attractive. 15c, \$1.50 per doz.

Gladioflora. Grows about 3½ ft. high. Remarkable for the unusual shape of the flowers, which look like Gladioli. Petals rounded overlapping; color crimson, changing to carmine, edged with gold. 20c, \$2.00 per doz.

Henry George. The most dwarf of any new canna, only growing about 2½ ft. high. Flower a dark crimson-red; both flower and truss large; very free-flowering. 20c, \$2.00 per doz.

Joliet. Rich green leaves with bronze flower stems; flowers bright orange-red, overcast with

gold, enormous in size. Medium grower. 15c, \$1.50 per doz.

Marvel. A strong grower up to 5 feet. Flowers are a superb blending of red and yellow; back of each petal a rich gold that seems to shine through the scarlet face, giving the appearance of an illumination from below. 25c, \$2.50 per doz.

Mephisto. Very dark crimson. Flowers large, well up above the green foliage. 20c, \$2.00 per doz.

Mrs. Carl Kelsey. A very large grower (up to 7 ft) with green foliage edged purple. Enormous heads of flowers, or a brilliant orange-scarlet, flaked and striped golden-yellow. 15c, \$1.50 per doz.

Mrs. Kate Gray. Very robust sort, with extra large green leaves; flowers orange-scarlet, overlaid with gold, and measure from 5 to 7 inches across. 10c, \$1.00 per doz.

Pillar of Fire. This is a very strong grower, reaching a height of 6 or 7 feet; flowers bright crimson-scarlet, borne in erect spikes like blazing torches. 15c, \$1.50 per doz.

Prince Weid (or Meteor, or Jean Tissot.) Grows about 3 to 4 feet high. Flowers a vivid scarlet, very large, in large trusses, standing well up above the foliage. A splendid acquisition. 35c, \$3.50 per doz.

William Saunders. A truly magnificent bronze-leaved variety, growing about 4 ft. high. The flowers are a gorgeous crimson-scarlet, of great substance and durability. 15c, \$1.50 per doz.

Wyoming. Purple-bronze foliage of a distinct shade. Immense flowers of a rich reddish-orange tint. Very fine. 15c, \$1.50 per doz.

GROUP III. Flowers with White or Yellow Shades, etc. All with green foliage, except Minnehaha.

Austria. The gorgeous, orchid-flowered Canna, a hybrid with Canna flaccida as one parent. Flowers of immense size, 5 or 6 inches across. Golden-yellow. A very beautiful sort of easiest culture. 10c, 85c per doz.

Gladiator. Grows about 5 ft. tall. Color bright yellow, spotted red. A strong grower, with large heads of flowers which stand wind and sunshine better than others. 15c, \$1.50 per doz.

Indiana. A giant orchid-flowering sort, reaching height of 6 ft. Flowers glistening golden-orange, daintily striped red. The single flower often measures 7 inches across. 15c, \$1.50 per doz.

Italia. Orchid-flowering; of immense size. Gorgeous flowers; golden yellow blotched with orange-scarlet in the upper petals; lower petals scarlet, with yellow edge. 10c, \$1.00 per doz.

Karl Merck. New. Grows to about 4 ft. Flowers very large, light yellow spotted brownish-red, with recurved petal of red and yellow. 20c, \$2.00 per doz.

Minnehaha. New, semi-dwarf sort with extra large flowers in great clusters; color yellow and cream to a center of light pink. It is very beautiful and different from all others. 25c, \$2.50 per doz.

Mont Blanc. (Improved.) Perhaps the very best sort with a close approach to a white flower. The flowers are creamy white of good substance. 15c, \$1.50 per doz.

Flaccida. Our native **Orchid Canna.** Dwarf habit, with clear yellow flower 3 to 5 inches across. Light green leaves. 10c, 75c per doz.

COLOCASIA antiquorum illustris. * * Closely allied to Alocasia and Xanthosoma. This grows up from 18 inches to 3 ft. Leaves heavily blotched with velvety black. A splendid plant and fine for massing. 15c, \$1.50 per doz.

C. esculenta. * * (Caladium esculentum.) **Elephant's Ear.** The well known bedding plant used

Royal Palm Nurseries, Oneco, Florida.

so much on lawns in the North. 15c, \$1.50 per doz. Extra size, 25c.

C. himalayensis. * * Of medium size with dark purplish stems and deep green leaves. 15c, \$1.50 per doz.

CRINUM. * * These magnificent flowering bulbs are closely related to Amaryllis and Pancratium. Evergreen of easy culture; in Florida in the open ground, in the North in the greenhouse. Many of the choice sorts rarely produce new bulbs, and consequently are very high priced.

C. americanum. A most beautiful plant producing umbels of large white lily-like flowers often six or eight to the spike. A native of the Florida swamps, but, like most of the Crinums, not particular as to soil or situation. 15c, \$1.25 per doz.

C. augustum. Very large plant, with large umbels of pinkish-mauve, striped light, flowers very sweet-scented. \$1.00.

C. sp. from Assam. Flowers white, striped with soft pink, about the sizes of those of C. Kunthianum. Strong. 25c to 50c.

C. fimbriatulum. Nassau or Milk and Wine Lily. A strong grower, not particular as to soil. Flowers in umbels, large and showy; striped white and carmine; 3 to 4 inches in diameter. Exceedingly choice and desirable as a pot plant or for bedding out during summer at the North. We offer two sizes. Small bulbs, will bloom next year, 5c, 50c per doz.; blooming size, 15c, \$1.25 per doz.

C. giganteum. Foliage very large, broad in the

center, narrowing at both ends. Flowers bell shaped, pure white, highly scented. Needs half shade and moisture. 75c, \$7.50 per doz.

C. hybridum, J. C. Harvey. A fine vigorous hybrid (C. Moorei x C. Kirkii) evergreen, partaking in habit almost equally of both parents; harder than C. Kirkii; adapted as well to tropical conditions as to more temperate climes. Flowers rose-pink, nearly as large as C. Moorei; more drooping in habit; not unlike Amaryllis Belladonna, exceedingly fragrant; very floriferous and of good substance, a single bulb often producing three flower stalks in one season. \$2.00.

C. kirkii. The flowers are large, white, with a reddish-purple stripe on the outside of each petal, which, showing through, gives the flower a pink tinge on the inside; some ten or fifteen of these flowers are produced at the top of a tall purple spike, and there are frequently two or more spikes of bloom from the bulb during the season. In addition the foliage is very handsome, the numerous wavy-edged leaves forming a perfect rosette. Fine large bulbs 15c, 25c and 35c.

C. kirkii. x capense. A hybrid, with flowers the size of Kirkii, of a delicate light color—pale-pink and white, 35c.

C. kunthianum. Vigorous growing and abundant bloomer from New Granada. This is a grand species, with splendid flowers, dull white, tinged with rose-red. 20c and 35c.

C. moorei. Rare African species with clear pink flowers. Needs part shade and moisture. A very fine species. 75c and \$1.00.



Xanthosoma violaceum.

Royal Palm Nurseries, Oneco, Florida.

C. pedunculatum. "St. John's Lily." A large plant evergreen with broad heavy foliage quite decorative in itself. Flowers pure white, narrow petalled, sweet-scented. A valuable plant of unusually hardy nature. Large bulbs only. 50c to \$1.00.

C. virginicum. A choice hybrid originated in England; flowers very large and widely opened, white and rosy-pink. 25c to 50c.

CURCUMA petiolata. * * **Queen Lily.** A choice plant with broad leaves like a canna, but strongly veined and arched. Flowers in large torch-like bunches, white, tinted pink, which last for weeks. 20c, \$2.00 per doz.

EUCHARIS grandiflora. (amazonica.) **The Amazon Lily.** A very choice broad leaved evergreen plant; flowers pure white in umbels in Spring. 50c.

GLORIOSA superba. * * A gorgeous lily-like plant growing from 6 to 10 feet high, and bearing a profusion of scarlet and yellow flowers during the summer and fall. Is a first class ornament for a screen or to grow over shrubs, or palm trunks, but prefers full sun exposure. Tubers available only in winter and early spring. 20c, \$2.00 per doz.

G. rothschildiana. A new introduction. Flowers crimson. 75c.

HEDYCHUM coronarium. * * **Ginger Lily.** **Butterfly Lily.** This magnificent plant flourishes best on low, moist land, where it will form a dense clump 3 to 6 feet high. The roots are tuberous, and the plant may be safely grown over the entire South. The masses of fragrant, pure white flowers, looking much like large white butterflies, are borne in large clusters, terminal on every stalk. If kept in the house in a growing state, it blooms continuously. 10c, 85c per doz.; larger plants may better be sent by express than by parcel post.

HEMEROCALLIS. **The Yellow Day-Lilies.** Old favorite plants for borders and beds beloved of our grandmothers, are splendid subjects for Florida and the South generally. We have three distinct sorts as follows, in fine, large sizes, at 15c each, \$1.50 per doz.

H. dumortieri. **Dwarf Orange Lily.** Stems 1 to 2 ft. high. Flowers orange, marked red-brown on the outside, blooms the earliest of all, and is quite fragrant. This is sometimes listed as Siebold's lily.

H. flava. * * * **Yellow Day Lily.** This flowers early and is a splendid plant for the South. Flowers are about 5 inches across, clear yellow and on long stems, above the foliage.

H. fulva, fl. pl. * * * The double flowered form of the **Tawny Day Lily.** Flowers bright orange-yellow, very freely borne in early summer. This is a valuable hardy border plant; will grow anywhere.

HIPPEASTRUM equestre. * * (Amaryllis.) Flowers large, bright red; of easy growth. 15c, 1.50 per doz.

H. Nehrling's Hybrids. * * This is a very superior strain from many years' work in hybridizing the finest varieties of the whole world. Dr. Nehrling has spent a large sum to secure the finest material to work upon, with magnificent results. The various types of colors are now

partly classified, ranging from white to scarlet in multi-colored variations; we consider them unequalled. Some of these are quite sweetly scented. They bloom in spring or early summer. Large flowering bulbs 75c, \$7.50 per doz. From mixed stock 50c, \$5.00 per doz.

H. johnsonii. A splendid old species with richest crimson-scarlet flowers, striped with white. Flowering bulbs, 35c, \$3.50 per doz.

HYMENOCALLIS caribbaea. * * (Pancratium caribbaeum.) **The Spider Lily, or Spanish Lily.** A bulb of easiest culture, producing large clusters, a few plants giving a succession of bloom all summer. Color, pure white. 10c, 85c per doz.; very large, 15c to 25c.

IRIS hexagona. * * * **Blue Flag.** Evergreen. A hardy Southern variety of the greatest possible beauty. The loveliest flower of the whole South. Rich purple and blue with yellow markings; 3 to 4 inches across; resembles the costliest and rarest orchid flower. Blooms in spring. 10c, \$1.00 per doz.

KAEMPFERIA gilberti. * * Leaves like a Cardamon, sometimes variegated; flowers on ornamental crimson heads, lasting all summer. 25c.

MORAEA iridoides. * * **"Natal Lily."** An iris-like plant, succeeding here perfectly. Has beautiful white flowers, touched with yellow and purple. 25c.

REINECKIA carnea. * * A tufted plant with creeping rootstalk, grassy leaves, and rose-colored, fragrant flowers; from China. A useful plant for small borders. 15c, \$1.50 per doz.

RICHARDIA africana. * * **Calla Lily.** A good, old-fashioned plant, always popular. From August to October we can supply dry bulbs at 15c, which will flower winter and spring. Later these plants are 25c.

XANTHOSOMA bataviensis. * The Xanthosomas are similar to Caladiums and Alocasias, having great arrow-shaped leaves, and many with edible tubers. This species has purple stems and dark green leaves. 25c, \$2.50 per doz. Extra large 50c.

X. maculatum. (Formerly listed as Alocasia alba aureo-maculata.) * New. The immense pale green leaves are variegated with creamy yellow, and the leaf-stem tinted violet, also variegated. Very striking. 15c, \$1.50 per doz. Larger 25c, \$2.50 per doz.

X. marshalli. * (Sometimes called X. "Emerald.") Very quick-growing, of medium size. Green leaves and dark stems; an especially good bedder for all parts of the States having warm summers. Quite different from the common "Elephant Ears" so often seen, and being of easy growth cannot fail to give satisfaction. Strong tubers (started after March 1st), 10c, 85c per doz.

X. sagittaeifolium. * This has been grown in Florida for years—possibly by the Seminoles—and the tubers are excellent for culinary purposes. Leaves light green, plant vigorous. A very beautiful bedding plant. 10c, \$1.00 per doz.; larger 15c, \$1.50 per doz.; extra large 25c, \$2.50 per doz.

X. violaceum * (X. javanica.) A grand species, of large size, with deep, bluish-green foliage and very dark stems. A superb decorative subject; evergreen habit. 15c, \$1.50 per doz.; larger 25c, \$2.50 per doz; extra sized 35c.

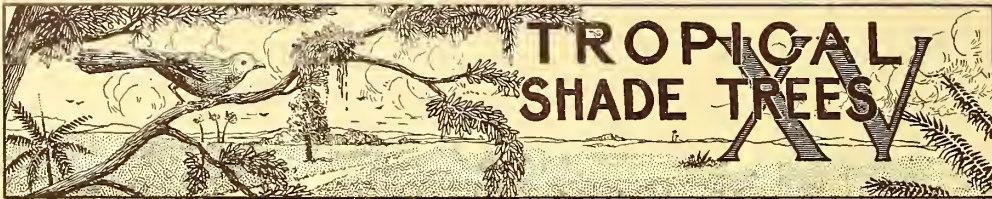
FLORIDA TESTIMONIALS.

St. Petersburg, Fla., Feb., 1914.—"Stock from you received; everything in the very best condition, and are glad to say was boxed and packed in the finest shape of any we ever received." P. J. McMANUS & SON.

Buena Vista, Fla., Dec., 1913.—"Palms received in fine condition, and I desire you to accept my thanks. I want you to know I appreciate it," etc.

J. T. GRATIGNY,
Supt. for Wm. Deering.

Royal Palm Nurseries, Oneco, Florida.



SPECIAL NOTICE—These are all pot-grown, except *Stereospermum suaveolens*, and may be transplanted at any time of year.

Suitable only for frostless regions, or for growth in large conservatories. A few are used as decorative pot-plants when small, as *Ficus*, *Grevillea*, *Jacaranda*, and others. There are also some fruit and economic trees suitable for shade; note especially *Mammea americana*, *Mangifera indica*, *Persea gratissima*, *Tamarindus indica*, in Dept. I; *Adenanthra*, *Aleurites*, *Caesalpinia sappan*, *Cedrela*, *Eriodendron*, *Eucalyptus*, *Partitum*, *Pithecolobium*, *Sapindus*, etc., in Dept. III.

ACACIA suma. Medium sized tree with short hooked spines and small whitish flowers. From the Philippines. 50c.

A. species. From Philippines. A species with glaucous sword-shaped, as well as compound leaves. 50c.

A. farnesiana. See Dept. III.

ADENANTHERA pavonina. See Dept. III. A very satisfactory shade tree for tropical climates.

ALBIZZIA lebbek. Woman's Tongue Tree. A handsome pinnate-leaved shade tree from Jamaica. Does well here. Of quick growth. Resembles the Royal Poinciana, but leaves are not so finely cut. 25c, \$2.50 per doz.

A. procera. A quick-growing, beautiful species from India. 35c, \$3.50 per doz.

AMERIMNON sissoo. (*Dalbergia sissoo*.) A leguminous tree from India, which furnishes very valuable lumber. It makes a fine shade tree. 25c, \$2.50 per doz.

ANDIRA inermis. The Cabbage Tree. Foliage compound, evergreen; flowers in huge racemes, lilac-like, with a peculiar smell. Rare. \$1.00.

A. jamaicensis. A very valuable shade and lumber tree from Jamaica, from 30 to 60 ft. tall, with flowers of a reddish violet color. Beautiful evergreen compound leaves. 75c, \$7.50 per doz.

BAUHINIA. See Dept. X, for largest species which make small trees in frostless regions.

BISCHOFIA javanica. Splendid evergreen tree with very dense foliage. 35c.

BOMBAX malabaricum. Red Cotton Tree, of Burma. Fleshy calyxes are edible; flowers pink, resembling a *Magnolia grandiflora* in size. 50c.

CALOPHYLLUM calaba. * * * **E. T. Calaba tree** of West Indies. Grows 30 ft. high, bearing elegant white blooms. Broad leaved. 50c, \$5.00 per doz.

Cassia siamea. (*C. florida*.) An ornamental small shade tree from the Philippines, with pinnate leaves and showy flowers in terminal clusters. New. 35c, \$3.50 per doz.



Silk Oak Tree In Our Grounds.

TROPICAL SHADE TREES

CASTANOSPERMUM australe. The Moreton Bay Chestnut, from Australia. Has immense compound leaves; is of rapid growth, and handsome. 75c.

CROTON sylvatica. Newly introduced. \$1.00.

CRYPTOCARYA woodii. A small tree with slender branches. Leaves broadly elliptical, 1 to 2 inches long. New. \$1.00.

DELONIX regia. The Royal Poinciana. This is a beautiful deciduous tropical tree, bearing quantities of brilliant scarlet flowers in the spring. The leaves are large, decomposing, and a pleasing green. Of very rapid growth. Gives a striking, tropical effect. 1 yr. 15c, \$1.50 per doz; 2 yr. \$25c, \$2.50 per doz; extra size 35c.

DILLENNIA indica. A large Indian tree of splendid shape; gives dense shade. Large rough leaves resembling a loquat. The large acid fruits are used in jelly making. 50c, \$5.00 per doz.

DIOSPYROS montana. A large tree from India; leaves oval, or oblong, of a yellowish-green color. The fruit is round and shining, about an inch in thickness. The wood is dark and very hard. 75c.

EUCALYPTUS. See Dept. III.

EUGENIA floribunda. A white-flowered tree from East Indies, of small or medium size. Leaves lanceolate or ovate, glabrous. Sometimes called "Guava-berry." 50c.

FICUS altissima. New. From India. This is a large-sized tree, which does well in extreme South Florida outdoors. The beautiful leaves are oblong and beautifully veined. It resembles the new *F. pandurata*. Splendid plants 40c, 60c and \$1.00.

F. aurea. Our native Wild Rubber Tree. A very interesting and beautiful species, forming dense shade trees in South Florida. 25c, \$2.50 per doz; larger 35c, \$3.50 per doz.

F. australis. Rounded leaves, which in full

Royal Palm Nurseries, Oneco, Florida.

sun have a russet under-surface. Makes a fine tree, very dense. 50c and 75c.

F. benjamina. Recently introduced by us from Australia. It is used as a street tree in Brisbane, and is a beautiful species, small-leaved, of a drooping habit. 25c, \$2.50 per doz.; 15 to 18 inches high 50c, \$5.00 per doz.; extra size at \$1.00, \$10.00 per doz.

F. cunninghamii. Oblong leaves, about 4 to 6 inches in length. A fine tree of upright habit. 35c.

F. elastica. India Rubber Tree. See Dept. III.

F. infectoria. From India. One of the finest shade trees, with long, glossy leaves. Will do well in extreme South Florida outdoors. 1 ft. high 25c, 2 ft. 50c, 3 ft. 75c.

F. macrophylla. Moreton Bay Fig Tree, from Australia. Resembles *F. elastica* slightly, but has pointed leaves and yellow sheaths and petioles. 50c and \$1.00.

F. religiosa. Sacred Bo Tree of India. Leaves pointed like a Poplar. Of rapid and shapely growth; fine for street planting. 50c, \$5.00 per doz.

GLIRICIDIA maculata. Madre. Alternate, compound leaves; pink flowers resembling the Black Locust. Of medium size. 25c, \$2.50 per doz.

GREVILLEA robusta. Australian Silk Oak. A splendid fern-leaved tree, growing 120 feet in height. Evergreen, and especially adapted as a shade tree for South Florida and South California, as it is as hardy as an orange tree. Also used in decorating apartments, etc. Makes a magnificent pot-plant. Strong plants 10c, \$1.00 per doz.; larger (about 12 to 18 inches high), 15c, \$1.50 per doz.; 2 to 3 ft., 25c, \$2.50 per doz.

HOLOPTOLEA integrifolia. A large tree up to 60 feet in height, with handsome drooping branches, commonly known as "Indian Elm." 35c, \$3.50 per doz.

HURA crepitans. The Sand Box Tree of the West Indies. A medium sized tree reaching about 40 feet, with poplar-like leaves and large curious seed vessels which, when ripe, burst with a loud noise, scattering seeds in all directions. 1 yr. 25c; larger 35c and 50c.

JACARANDA mimosaeifolia. A splendid tree with large, decomposed, fern-like leaves, allied to Bignonia, with clusters of blue flowers. 35c.

LANCHOCARPUS sp. Cuba. A tree with large, compound leaves; evergreen. Fine stock. 6 to 7 ft. high 75c, \$7.50 per doz.

LUCUMA sp. Cuba. A broad-leaved evergreen of good style. Trees 3 to 5 ft. high 50c, \$5.00 per doz.

NYCTANTHES arbor-tristis. The Sad Tree, of India. A rare and interesting tree. 50c.

ORMOSIA dasycarpa. The Necklace Tree, of Jamaica. A small tree, or large shrub, with pin-

nate leaves and large blue flowers, in June. Very choice. 50c, \$5.00 per doz.; larger 75c.

OROKYLUM indicum. A tree related to Big-nonia, reaching a height of 40 ft., with compound shining leaves. Flowers large, whitish, striped purple, in racemes. 35c, \$3.50 per doz.

PACHIRA aquatica. (Carolinea princeps.) A large tree of quick growth from South and Central America. Leaves shining green, palmate; flowers pink and white, of large size. Fine trees 75c, \$7.50 per doz.

PARMENTIERA cerifera. Candle Tree. A small tree of tropical America, with light-green leaves, suggesting the Birch. Bears remarkable candle-like yellow fruits, produced from the stem and branches, twice a year. 50c, \$5.00 per doz.

PRUNUS sclerocarpa. A dense-growing tree with very small pointed leaves, differing from anything we have seen. From India. Very bushy, strong stock. 75c, \$1.00 and \$1.50.

PTERYGOTA alata. (Sterculia alata.) New. From India. Large, pointed, cordate leaves of striking beauty. This quickly reaches maturity, forming a large, fine shade tree for frostless places. Evergreen. 35c; very large \$1.00 and \$1.50.

SARACA cauliflora. A rare shrubby tree, with splendid masses of scarlet flowers; exceedingly attractive. \$2.00.

S. indica. Flowers fragrant, changing from yellow to orange and red. Young leaves pendulous. Both this and preceding species prefer a partly shaded position. \$1.00.

SCHIZOLOBIUM excelsum. A tall, magnificent foliage tree from Brazil. \$1.00.

STERCULIA foetida. A handsome tree of tall growth from tropical Africa; foliage attractive, and flowers large, dull red. Young stock 25c, \$2.50 per doz.; 2 yr. 50c, \$5.00 per doz.

STEREOSPERMUM suaveolens. A tree with immense, spreading compound leaves, and dull crimson, very fragrant flowers. 50c.

STREPHNODENDRON guianense. A leguminous tree of small size from South America. Branches pendulous, sometimes of a twining habit. \$1.00.

SYZYGIIUM smithii. A small tree, resembling a large myrtle. Flowers appear in winter, and the charming clusters of blue berries succeed them in spring, bending down the twigs with their weight. Evergreen; leaves 2 to 3 inches long. 50c.

THESPIA populnea. A small-sized tree resembling a Poplar, sometimes called Tulip Tree in Ceylon. Used as a street tree. 15c, \$1.50 per doz.

TRICHILIA spondiodes. Butterwood Tree. Leaves pinnate; flowers greenish-yellow. A small sized tree of tropical America. 2 to 3 ft. 50c, \$5.00 per doz.; small 25c.

TRIPLARIS americana. 7 to 9 ft. \$1.00.

TESTIMONIALS FROM THE NORTH.

Minot, N. Dak., Nov., 1913.—"The plants were received from you a short time ago in the finest kind of shape, and I take this opportunity to thank you for the nice Seaforthia sent extra."

A. H. KURTH.
Citizens Bank.

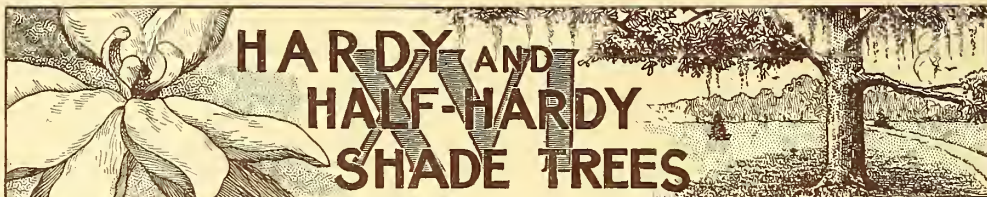
Babylon, N. Y., May, 1914.—"The shipment of plants arrived on Thursday, and I wish to express my great satisfaction with the manner in which you filled the order, and the way in which the plants were packed and shipped. "Your selection, both as to size and condition is satisfactory in every way,, and they arrived in good shape."

ALFRED HARRIS.

Westfield, N. J., April, 1914.—"Not since the last Christmas stocking, when Santa Claus was a real personage, have I had such delight opening packages as when the box from you arrived. The careful packing insured the good condition of the plants; your method of growing, their quality,—and as to those marked "X" please accept my heartiest thanks." etc.

MRS. B. E. BALL.

Royal Palm Nurseries, Oneco, Florida.



SPECIAL NOTICE—Most of the stock in this department is grown in the open ground and should be transplanted during the winter. A few pot-grown plants (see those marked P.) may be set out at any time.

For Florida, California, and the lower South. The following list may be used as shade trees also: *Hicoria pecan*, see Department II; *Cinnamomum camphora*, *C. cassia*, some *Eucalyptus* and *Sapindus mukrossi*, in Department III.

ACEB. rubram. Our native **Scarlet Maple**, or **Swamp Maple**. The rich red flowers appear in mid-winter and are followed by the red-tinted new foliage; in autumn the leaves are richly colored also. 2 to 3 ft. 25c, \$2.50 per doz.; 3 to 4 ft. 35c, \$3.50 per doz.; 4 to 5 ft. 50c, \$5.00 per doz.; 5 to 8 ft. 75c, \$7.50 per doz. This grows well on high land as well as in a swamp.

BROUSSONETIA papyrifera. **Paper Mulberry** of the South Sea Islands. Has large, deciduous foliage somewhat like a true mulberry. Bark stringy. Tree of rapid growth. 25c to \$1.00.

CELTIS benthamii. About 2 ft. high 25c, \$2.50 per doz.; 3 to 4 ft. high 35c, \$3.50 per doz.

C. occidentalis. Our hardy **Hackberry Tree**. Excellent for avenue planting. A fine shade tree, having a very dense round top. Light, 2 yr. old 15c, \$1.50 per doz.; 2 to 3 ft. 25c, \$2.50 per doz.; 4 to 6 ft. 50c, \$5.00 per doz.; 8 to 10 ft. 75c, \$7.50 per doz.; 10 to 12 ft. \$1.50.

C. orientalis. Small evergreen tree with leaves rough above and silvery pubescent beneath, and bearing small round black berries. 1½ to 2 ft.

high, 25c, \$2.50 per doz.; 2 to 3 ft. 35c, \$3.50 per doz.; 3 to 4 ft. 50c, \$5.00 per doz.

CHILOPSIS saligna. (*C. linearis*.) "**Flowering Willow**." A low spreading tree not over 20 ft. in height, with willow-like foliage; flowers freely through greater part of the summer. The flowers are tubular, of a lilac-blue, striped yellow. Good young stock 35c, \$3.50 per doz.

GLEDITSCHIA ferox P. This is nearly related to the Honey Locust, and is protected by very queer branched thorns. Grows to 50 ft. in height.

GORDONIA lasianthus. **Loblolly Bay**. A native tree which should be more cultivated. A handsome evergreen tree, with lovely, snow-white flowers, 3 inches in diameter, produced all summer. Will bloom when very small. Hardy as far north as Virginia, perhaps farther. 50c to \$1.00.

GREVILLEA robusta. **Silk Oak**. Fairly hardy for all of Zone 2, see map page 2, and Dept. XV for prices, etc.

ILEX cassine. (*I. dahoon*.) **Dahoon Holly** of

the Southern States. One of the most valuable broad-leaved evergreens. Leaves richest glossy green; tree covered with bright, shining, red berries in fall or winter. 25c and 35c.

I. opaca. The **Southern Holly**. Leaves prickly; berries scarlet, and always in demand for Christmas decorations. Transplanted, 2 yr. old, 25c, \$2.50 per doz.; 2 to 3 ft. 35c, \$3.50 per doz.

LIQUIDAMBAR styraciflua. **Sweet-Gum Tree**. Hardy throughout the South. Naturally grows in a swamp, but thrives on high land as well. A splendid tree for street planting. Leaves handsome, maple-shaped, deciduous. 2 to 3 ft. 25c; 3 to 5 ft. 35c; 15 to 22 ft. \$2.00 to \$5.00.

MAGNOLIA grandiflora. (Some



Water Oak at Royal Palm Nurseries.

Royal Palm Nurseries, Oneco, Florida.

P.) The Magnolia. The most magnificent of all our Southern broad-leaved evergreens. Flowers 6 inches across, pure white, waxen and lemon-scented. Young pot-grown stock 35c, \$3.50 per doz. From open ground 25c, 35c, 50c, \$1.00 and \$2.00.

M. glauca. White Bay. Also evergreen; a smaller tree than preceding. 25c and 50c.

MELIA azadarach, var. umbraculiformis. Umbrella China Tree.

A very shapely, deciduous tree with compound leaves, creating a dense shade. 2 to 3 ft. 25c, \$2.50 per doz.; 3 to 4 ft. 35c, \$3.50 per doz.; 4 to 5 ft. 50c, \$5.00 per doz.

NERIUM oleander. May be used for small trees by training up when young. See Dept. XI for full list.

PARKINSONIA aculeata. P. A small leguminous tree with delicate long pinnate leaves and great masses of brightest yellow flowers. Thrives on highest, dryest and poorest lands. A grand sight when in full bloom. 50c, \$5.00 per doz.

PERSEA carolinensis. P. Red Bay or Sweet Bay. A handsome native broad-leaved evergreen. Wood very valuable for cabinet work, etc. Pot-grown plants, 2 yrs. old. 15c, \$1.50 per doz. From open ground, 35c and 50c.

PLATANUS occidentalis. Plane Tree or Sycamore. An immense American tree of quick



Some Large Trees at Royal Palm Nurseries.

growth and deciduous habit. Does well generally in the South and has few insect enemies. 3 to 4 ft. 35c, \$3.50 per doz.; 4 to 5 ft. 50c, \$5.00 per doz.; 18 to 20 ft. \$1.50 to \$4.00.

POPULUS deltoides. Carolina Poplar. A straight, upright tree with pyramidal crown. Very vigorous and in favor as a street tree, as it forms a fine-sized specimen in three to five years; deciduous. 3 to 5 ft. 35c, \$3.50 per doz.; 5 to 7 ft. 50c, \$5.00 doz.

QUERCUS nigra. Our evergreen **Water Oak**, largely used in Florida as a street tree. Quickly growing and vigorous. Fine trees, nursery-grown, 2 yr. 2 to 4 ft. 25c, \$2.50 per doz.; 4 to 6 ft. 35c, \$3.50 per doz.; 6 to 8 ft. 60c, \$6.00 per doz.; 8 to 10 ft. \$1.00, \$10.00 per doz.; 10 to 15 ft. \$1.50, \$15.00 per doz.; 16 to 20 ft. \$2.50.

STILLINGIA sebifera. (Sapium sebiferum.) Chinese Tallow Tree. Resembles a poplar in foliage, which turns vivid colors in autumn. Seeds are coated with a kind of vegetable tallow, and these are said to be excellent for poultry. See Dept. III for prices.

VITEX agnus-castus. Chaste Tree. A low-growing tree with palmate leaves, scented like lavender. Flowers blue, in pretty spikes. A fine, hardy, desirable tree. 25c and 50c.

TESTIMONIALS FROM THE SOUTH.

Orlando, Fla., 1914.—"The trees came in good condition and I never saw a thriftier bunch of stock. They came out in leaf in just a few days and are growing nicely. Thanking you for promptness and compliments," etc. Dr. W. G. Rice.

Miami, Fla., Apr., 1914.—"I received the Royal Palms and was well pleased with them; they were a fine lot. Thanks for extras." HENRY COPPINGER.

Sutherland, Fla., June, 1914.—"My plants came today and I feel that you deserve to be told that I am pleased with them. They were packed beautifully and came as fresh and unrumpled as though I had just dug them up. They were also a little larger than I had dared to hope, and I also appreciate the extras which I did not order," etc. MRS. K. P. ELSHAM.

Honea Path, S. C., May, 1914.—"Was very much pleased with flowers hought from you last season, and enclose order for plants," etc. Miss ELLA BROCK.

Lakeland, Fla., May, 1914.—"The collection of palms have been received and I would advise that they are satisfactory in every respect." G. E. SOUTHARD, JR.

Later, July, 1914.—"I would further say that all plants purchased from you came in excellent condition and all have lived, same continuing their growth with apparently no set back whatsoever." G. E. SOUTHARD, JR.

Hawkinsville, Ga., July, 1914.—"I was very much pleased with the plants, as I usually am with all your plants." MRS. MORGAN THOMPSON.

Newnan, Ga., April, 1914.—"The plants sent by parcel post were all very nice indeed. Please send me the following:" MRS. CALDWELL.

Bartow, Fla., July, 1914.—"I duly received the plants, and thank you for them. They came to hand in good shape and seem to be very nice plants indeed." STAR LAKE CITRUS CO., HENRY W. SMITH, SUPT.



Succulents and Epiphytes



SPECIAL NOTICE—Mostly tropical; suitable for the greenhouse, living room, offices, the tropics and warm coast regions of the United States. These may be transplanted at any time of year safely.

AECHMEA marie-reginae. (Vresia.) A broad-leaved air-plant allied to Tillandsia. The leaves are thin and light-green; spikes and flowers brilliant scarlet, the individual flowers tipped with light blue, \$1.00.

AGAVE. The Agaves, or Century Plants, are among the most valuable and striking plants that can be used in semi-tropical gardening. Many of them are useful as hedge plants, and the genus contains several of the most valuable fibre plants of commerce. They are all of great decorative value. The first three sorts named will stand considerable frost.

A. americana variegata. Leaves beautifully striped with cream color. A splendid ornamental. 15c, 25c and 50c for nice young stock.

A. neglecta. Rich, blue-green leaves, wide and gracefully recurved. The handsomest large sort in our collection. A magnificent plant, beautiful in all sizes, and surpassingly fine for all decorative purposes. Fine plants, with beautiful leaves, 25c, 50c to \$3.00.

A. sisalana. See Economic Plants, Dept. III.

A. species. A rare, unknown agave, which throws up a flower spike but about 12 ft. Leaves numerous, short, light-green. Very decorative. Nice plants 25c to 50c.

A few rare unnamed species, 25c to \$1.00.

ALOE arborescens. (A. fruticosa.) A very ornamental plant with sharply serrated leaves. Flowers bright yellow on a spike 2 ft. or more tall. Makes a clump of great decorative value. Beautiful plants 20c, 35c and 50c.

A few unnamed species at 25c to 50c.

BROMELIA pinguin. Has the appearance of a large Pandanus, with deeply-serrated leaves, and crimson center when mature. Large specimens 50c, \$1.00 and \$1.50.

BRYOPHYLLUM pinnatum. (B. calycinum.) An odd and rapid growing succulent. Flowers green and reddish bronze, in form of bladders. One of those strange plants that are propagated from leaves. Extremely curious. The leaves may be pinned on the wall and will throw out sprouts from every notch without watering. 10c, \$1.00 per doz.

CEREUS grandiflorus. The Night-Blooming Cereus. Cylindrical or 8-sided succulent growths without true foliage; flowers white about 5 to 8 inches across. Will climb on tree trunks or any support. 15c and 25c.

C. regelii. Flowers funnel-shaped, about 8½ inches long, outer parts shaded above with purple-brown; inner parts white or pale pink. 50c.

C. triangularis. This is also a night-blooming cereus, resembling the preceding, and sometimes called **Strawberry Pear**, from the handsome fruit. Stems 3-sided. Flowers very fragrant, from 6 to 8 inches across. 15c and 25c.

DASYLIRION serratifolium. A yucca-like plant from Northern Mexico. A fine plant growing 3 feet high. Leaves narrow, armed. Large, 75c to \$2.00.

DENDROPOGON usneoides. The Long Moss, Gray Moss, or Spanish Moss of the South. Very effective in decorations. The effect of this moss hanging on the trees in the South is indescribable. Will stand sharp freezing unharmed. A nice quantity for 10c; per pound, 25c, post-paid.

EPIDENDRUM tampense. A very pretty native orchid, growing on the bark of oaks, etc. Is called **Butterfly Orchid**. Neat spikes of flowers in spring; pink, chocolate and green, lasting a long time in perfection. 15c, 25c and 50c.

EPIPHYLLUM truncatum. Crab-claw Cactus. A fine house plant, the succulent growths falling downward over the sides of pot or hanging basket. Flowers come in mid-winter and are very freely produced, of a rich, deep pink. 25c; large plants \$1.00.

EUPHORBIA splendens. Sometimes called **Crown of Thorns**. A low grower, having long, bronze stems, many spines, and brilliant, deep scarlet flowers, 25c.

FURCRAEA. The Furcraea are very desirable plants for the center of large tubs and beds of plants, for room, hall or outdoor summer decoration North. Will make a splendid specimen planted out in South Florida. They very much resemble some species of agaves, though the leaves are generally more upright-growing. Also highly recommended as fibre plants. Magnificent when in bloom, the flower-spike reaching a height of 20 to 30 feet, with thousands of yucca-like whitish flowers.

F. bedinghausi. 50c.

F. foetida. This is an immense plant with serrated leaves, the flower-spike reaching a height of 30 feet. Very beautiful at all stages. The leaves produce a valuable fibre. Fine plants \$2.00.

F. lindeni. A splendid, variegated species of peculiarly elegant appearance. The broad stripes of white show off very clearly. Rare new plant of recent acquisition, valuable as a house plant. Beautiful plants, \$2.00 to \$5.00.

F. tuberosa. Leaves longer and narrower than the preceding, spineless. A great many leaves to each plant. Strong plants, 50c.



Cereus triangularis.

Royal Palm Nurseries, Oneco, Florida.

OPUNTIA leucotricha. Upright, almost tree-like, with long, white spines on the leaves; flowers yellow. 25c.

O. vulgaris. The **Common Prickly Pear.** Hardy well up into the Middle States. A low-growing, very spiny species, with most gorgeous flowers of a bright-yellow color, three inches across. 10c, \$1.00 per doz.

For other Opuntias, see Dept. II.

PEDILANTHUS tithymaloides. "**Red Bird Cactus.**" A West Indian plant, with thick fleshy leaves and small, red, showy flowers. Not a true cactus at all, but an Euphorbiad. Very curious plant of easy growth. Admirable as a border plant in frostless locations, especially where the soil is dry, as it grows almost as well in dry soil as damp. Fine plants, 10c, \$1.00 per doz.; large plants, 25c, \$2.50 per doz.

PERESKIA aculeata. The **Lemon Vine**, or **Barbados Gooseberry.** A climbing cactus with true leaves and producing edible fruit. Stems fleshy, with spines at the base of each leaf. Very fast grower; much used as a stock upon which to graft epiphyllums and other low-growing cacti. Flowers borne periodically in immense numbers; 1½ inches wide, of a creamy white, with a green tinge. 10c, \$1.00 per doz. Large standard stock for grafting, pot-grown, 20c, \$2.00 per doz.

P. species. New. This resembles somewhat the Lemon Vine, but is dwarf and much more delicate. Flowers greenish-white about an inch across. 20c, \$2.00 per doz.

PHYLLOCACTUS hookeri. Not a large plant,

growing about 2 to 3 feet high. Flowers white, about 3 inches long, agreeably scented. A fine house plant. 25c and 50c.

P. latifrons. Erroneously sometimes called "**Night-blooming Cereus**," properly the "**Queen Cactus.**" The largest of the genus, growing 8 to 10 feet high; the stems 4 or 5 inches broad, and flat. Flowers are a fine creamy-white, with a reddish tube, produced at night. 25c.

PITCAIRNIA karwinskana. This resembles a Bromelia or Tillandsia, with leaves up to 2 feet long. Flowers red, small, in dense racemes. Fine plants 50c.

P. xanthocaylx. \$1.00.

RHIPSALIS saglionis. **Rice Cactus.** A slender jointed plant, very much branched, presenting a very unique appearance. 25c.

STAPELIA foetida. "**Toad Cactus.**" We have several varieties of this interesting plant, which resembles a Cereus of low growth. Flowers large, yellow and brown, very interesting; 15c and 25c each.

TILLANDSIA. **Air Plant**, or **Wild Pine.** A very large genus of ornamental plants of the easiest culture, requiring only to be attached to a block of wood and to be watered with the other plants. Tie with wire on rough bark; the plants hold water in their leaves. We list only native Florida species.

T. caespitosa. A species with long, grass-like leaves varying in color from gray to red; usually found in moist places. 10c.

T. fasciculata. (*T. bracteata*.) One of the largest **Wild Pines** or **Air Plants.** Full-grown



View in No. 9 Slat House.

Royal Palm Nurseries, Oneco, Florida

plants are 1 and 2 feet in diameter and height, spikes often 18 inches or more in length; the large, brilliant, crimson bracts and flower-stalks and purple blossoms are very showy, and remain beautiful for weeks. A most valuable plant for conservatory or bay window, enduring a low temperature (though but little frost); requiring no care except an occasional watering. Attach to wood or hang in a small wire basket. 15c and 25c.

T. utriculata. The largest native species. Leaves an inch or two in width, and 2 feet or more in length in full-grown plants. Stems very tall, 3 to 5 feet, branched and many-flowered, but not so showy as *T. bracteata*. A very rapid grower. Is easily established on a piece of wood, bark, or in a wire basket. Fine plants, 10c; larger, 25c to 50c.

VITIS quadrangularis. A true grape vine which looks like a *Cereus*! Most strange and remarkable succulent we have. A very interesting

vine which comes from Tropical Asia. 35c, \$3.50 per doz.

YUCCA aloifolia. Spanish Bayonet; Spanish Dagger. Seacoast of Southern States and West Indies. Probably not hardy north of middle Georgia. Flowers resemble those of *Y. filamentosa*, but are borne on a shorter stalk. Stem arborescent, sometimes 10 to 20 feet high. Very ornamental, even when small. Will bear much neglect. 15c, 25c, 50c and \$1.00.

Y. aloifolia variegata. Similar to above but the leaves are beautifully striped with white. Fine plants. 50c to \$2.00.

Y. filamentosa. The Bear-Grass. Our variety is a giant sort, much better than the common strain and worthy of being extensively planted. The white flowers are borne aloft on tall stalks and are very attractive and graceful. Strong, transplanted stock 15c, \$1.50 per doz. Heavier plants 25c, \$2.50 per doz.

PROPER DISTANCES FOR PLANTING NURSERY STOCK

Grapefruit, Oranges, Lemons, Tangelos, Mandarins, Pears, Mangos, Avocados, Tamarinds, Rose-Apples, Mammee-Apples, 25 to 35 ft. each way. Pears and Mulberries, 40 to 50 ft. each way. Peaches, Plums, Persimmons, Grapes, Loquats, Custard-Apples, Limes, White Sapotas, Star-Apples, Guavas, (tropical sorts) 15 to 20 ft. each way.

Surinam Cherries, Hardy Guavas, Kai-Apples, Marmalade Box, Feijoas, Figs, Pomegranates, Kumquats, Bananas, 10 to 15 ft. each way.

Shade Trees, 25 to 50 ft. in rows.

Conifers, 15 to 25 ft. in rows or groups.

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